

## PROFILE SUMMARY

Senior Software Engineer with 8+ years of experience in developing scalable web applications, test-driven API development, microservices development and full-stack web development with startups functioning in E-Com, Edutech, SaaS, Healthcare, Restaurants, etc. domains.

## WORK EXPERIENCE

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|---|---------------------------------|-------------------------------|
| <b>Senior Software Engineer</b>   | <b>UrbanPiper</b>               | <b>May 2022 - Present</b>     |
| <ul style="list-style-type: none"><li>• Spearheading development efforts on a distinguished SaaS platform tailored for the restaurant industry, operating at a significant scale and encompassing diverse elements.</li><li>• Primarily responsible for the backend development of the Prime application, encompassing modules such as POS, catalogue management, inventory, online order tracking, reporting, location management, user management etc.</li><li>• Optimized report generation module to be capable of generating 8x more data and supporting a larger date range.</li><li>• Optimized file import and export module to support 50x larger files at least.</li><li>• Developed, extended and optimized many inventory-related submodules to support stock purchases, transfers, adjustments, product contracts etc. in a complicated manner to uncover more business for the company.</li><li>• Facilitated substantial growth for the company by architecting and developing many major functionalities.</li><li>• Engineered sophisticated APIs and systems capable of efficiently handling millions of requests per minute with precision and sophistication.</li></ul>  |                                 |                               |
| <b>Senior Software Developer</b>  | <b>RoundGlass(Gympik)</b>       | <b>May 2020 - May 2022</b>    |
| <ul style="list-style-type: none"><li>• Contributed to the development of a premier software solution for the Indian fitness industry, offering a comprehensive club management platform.</li><li>• Implemented intuitive and user-friendly features including member management, innovative workout tracking, advanced business insights and reporting, and automation of marketing and social media endeavours.</li><li>• Optimized numerous web pages for reduced latency and enhanced APIs to efficiently handle requests at scale.</li></ul>   |                                 |                               |
| <b>Senior Software Development Engineer</b>   | <b>Edureka</b>                  | <b>August 2018 - May 2020</b> |
| <ul style="list-style-type: none"><li>• Being a member of the Growth Team within this product-based firm in the Edutech domain, undertook full-stack responsibilities encompassing microservices development, API development, website designing, and admin panel development.</li><li>• Engineered and seamlessly integrated a sophisticated Personalization Engine microservice from inception, enabling tailored course recommendations based on user activities. This initiative led to increased course purchases, page engagement, and better overall UX, consequently driving significant revenue growth.</li><li>• Developed the backend and frontend components of a webinar discovery and registration page, managing substantial volumes of registrations and webinars directly on the company website. Implemented strategies to enhance page performance, resulting in reduced page load times by up to 7x and database calls through strategic data caching mechanisms.</li><li>• Designed and implemented numerous optimized course discovery features, seamlessly integrating them into the legacy system. These enhancements expedited course discovery processes, improved user experience, and contributed to revenue growth for the company.</li><li>• Optimized various web pages of the company website, resulting in notable improvements in page load speeds up to 15x, thereby enhancing overall UX.</li></ul> |                                 |                               |
| <b>Full Stack Developer</b>   | <b>Cosi Games (Trendsetter)</b> | <b>July 2017 - March 2018</b> |
| <ul style="list-style-type: none"><li>• Functioned in Full-stack capacity within a product-centric organization, leading a distributed team of developers.</li><li>• Led the development of complex backend infrastructure, including APIs and an Admin Panel, serving as SaaS for a comprehensive mobile survey application. This platform facilitated the collection of audience feedback, enabling companies to assess market viability for potential new products and make informed decisions supported by insightful survey reports, resulting in substantial cost savings.</li></ul>  |                                 |                               |

- Developed and designed a user-friendly admin panel, granting corporate clients the ability to efficiently manage surveys, reports, user data, and other pertinent information related to surveys conducted through the mobile application.

**Full Stack Developer** **Doodhwala (Banger Tech Pvt Ltd)** **June 2015 - June 2017**

- Contributed to an e-commerce product-oriented company since its inception, playing a pivotal role in conceiving and developing the backend infrastructure for the Doodhwala mobile application from the ground up, subsequently scaling it to accommodate a user base ranging from 0 to millions.
- Engineered a system for efficient segregation and management of deliveries, streamlining the assignment process to delivery personnel across various zones, thereby optimizing company expenses.
- Suggested, designed and implemented the backend for a delivery boy mobile application tailored for delivery personnel, facilitating comprehensive tracking and management of product deliveries and statuses. This initiative mitigated product loss and ambiguities in delivery statuses, resulting in substantial cost savings for the company and enhancing customer satisfaction.
- Developed the backend infrastructure for an inventory management mobile application aimed at hubs, enabling efficient tracking of product quantities to increase company revenue by avoiding product loss.
- Spearheaded the integration of several key features within the Doodhwala e-commerce application, including payment systems, wallet functionality, subscription-based delivery models, locality-based product discovery, advanced search filters, and cart management.
- Engineered the company's website and an accompanying Admin Panel, providing comprehensive tools for order management, delivery coordination, product listing, management of delivery personnel, localities, and user data.

**Freelance Full Stack Developer** **December 2012 - May 2015**

- Acted as a Freelance Full Stack Developer, crafting and designing diverse websites for a range of clients spanning across global locations including the USA, Canada, Egypt, and India.

**Security Analyst Trainee** **TechDefence Private Limited** **May 2013 - July 2013**

- Engaged in the study and application of various advanced hacking and security techniques and tools. Acquired comprehensive knowledge of Cyber Security, including Cyber Crimes and attacks such as SQLi, XSS, etc. as well as the methodologies for their prevention.

## **SKILLS SUMMARY**

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- Web Technology - PHP, NodeJS, Angular(basic), HTML5, CSS3, JavaScript, jQuery, Bootstrap
- Web Frameworks - Laravel, CakePHP, Koajs
- DBMS - MySQL, MongoDB(Basic)
- DevOps - Kubernetes, Docker, AWS
- Test framework - Jest, PHPUnit
- CMS - WordPress, Drupal
- Programming Languages - C++, C (Basic), Java (Basic)
- Others - Redis, RabbitMQ, VCS
- Operating Systems - Linux, Windows
- Soft Skills - Excellent communication, troubleshooting, stakeholder management, team management and leadership skills

## **EDUCATION**

**Indore, India** **International Institute of Professional Studies - DAVV** **July 2010 - Dec 2015**

- **M.Tech. in Information Technology(IT)** with CGPA: 9.48/10
- Main coursework: Data Structures, Design and Analysis of Algorithms, Computer Architecture, Artificial Intelligence, Database Systems, Operating Systems, Programming Languages etc.

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## OTHER PROJECTS

- Developed and designed the National Youth Festival (Pravaah) 2015 website single-handedly as a freelance endeavour for Devi Ahilya University (DAVV), Indore, facilitating the hosting of a prestigious national-level festival. Engaged over 70 universities across India, enabling them to efficiently manage participant, manager, and accompanist details online, revolutionizing festival management.
- Developed SGCrypter, an open-source web application designed for my research paper, providing a platform to compare various encryption algorithms through graphical representations at real-time.
- Designed and developed the IIPS-DAVV college website for the year 2014, showcasing the institution's offerings and providing vital information to its stakeholders.
- Proposed the POC stage application jQueryGRIT for Google Summer of Code (GSoC) 2015, aimed at enhancing the monitoring of jQuery's repositories on Github by leveraging Github's API.
- Initiated "MyPlace" as a personal learning project, offering a web directory akin to JustDial.com for discovering places and services, complemented by an intuitive admin panel for efficient backend data management.
- Developed and designed the Healthholic website, a freelance project catering to a cold-pressed juice company, elevating its online presence and showcasing its products and services with sophistication.

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## RESEARCH

- Gaurav Parmar and Dr. Kirti Mathur, "Proposed Preventive Measures and Strategies Against SQL Injection Attacks", Indian Journal of Applied Research(IJAR), Vol. 5, Issue 5, pp. 716-718, May 2015, ISSN - 2249-555X
- Gaurav Parmar, Shaligram Prajapat, and Ramjeevan Singh Thakur, "Towards investigation of efficient cryptosystem using SGCrypter", International Conference on Computing Paradigm (ICCP) 2015 and International Journal of Applied Engineering Research (IJAER), Volume 10, Number 79 (2015), pp.853-858

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## ACHIEVEMENTS AND RESPONSIBILITIES

- Achieved the status of College Topper in M.Tech., earning a gold medal and attaining a remarkable 9.48 CGPA.
- Secured first prize in the "Student Project Competition" hosted during e-Kumbh'14 by Sciencetech Technologies Pvt. Ltd., Indore, showcasing adeptness in project execution.
- Garnered numerous accolades in the prestigious national-level techfest "Citronics" held at CDGI, Indore, excelling in software project development and website design competitions.
- Demonstrated prowess in website designing, coding, and technical arenas, earning multiple awards at the techno-management fest "Xpressions" held at IIPS-DAVV, Indore, through leadership in the technical pavilion.
- Recognized as the "Best Student of The School" by Rotary Club, Mandsaur, during academic tenure in school, reflecting consistent excellence in academic and extracurricular activities.
- Earned national and district-level honours in various painting competitions, receiving commendation from esteemed organizations including M.P. Green Productivity Association, Swaraj Sansthan Sanchalnalaya (M.P. Govt.), and the Collector of Mandsaur(M.P.).