PARAG SINGH

✉ parag.singh528@gmail.com   in LinkedIn   ⌗ GitHub   ◉ Portfolio

SUMMARY

A Full Stack Developer with 3 years of experience, specializing in crafting smart, elegant web applications. Currently developing AI-powered, self-learning solutions that enhance user experience, improve performance, and solve complex problems with clean, efficient code.

PROFESSIONAL EXPERIENCE

Project Lead, Software Engineer   Aug 2023 – Present
Honeywell International, Inc.   Bengaluru, India

- Led a strategic initiative to develop an integrated AI-powered solution for cost optimization, adoption metrics, and customer experience, in the project managing a team of eight engineers to ensure timely delivery and high impact.
- Engineered an AI-driven tool utilizing anomaly detection within the CI/CD pipeline, improving deployment frequency by 40% and reducing average downtime by 15% per incident.
- Developed a Retrieval Augmented Generation (RAG) based bot to automate responses, which reduced manual effort by 35%, saving significant man hours and improving operational efficiency.
- Built an application to identify underutilized resources worth $175,000 per quarter, achieving 5–7% in recurring savings.
- Pioneered a capacity management application for product resource planning, identifying current infrastructure limits and forecasting future scaling requirements, reducing resource overprovisioning by 30%.
- Innovated an intelligent alert monitoring system that identified and mitigated recurring incidents, reducing incident volume by 40% and enhancing system reliability.
- Designed a tool to track cross-product releases, bug fixes, and promotions, improving coordination between teams.
- Teamed up with stakeholders to automate security compliance measures, improving compliance standing by 30%.
- Handpicked as one of the youngest members to lead a mission-critical project that became a key organizational tool.
- Mentored a group of U.S. interns and assisted in deploying 3 critical solutions that streamlined key elements in the company's software infrastructure.
- Interviewed 50+ candidates for summer intern roles, hiring high-potential talent.

SDE Intern   Jan 2023 – Jun 2023
Honeywell International, Inc.   Bengaluru, India

- Built an app to streamline resource management, enabling efficient monitoring and control of cloud assets in Azure.
- Engineered a centralized key vault with role based access control (RBAC) to securely manage and regulate access to sensitive credentials and secrets across systems.

Freelance Web-Developer   Oct 2022 – Nov 2022
Blossm India (E-Store)   Remote, India

- Designed a custom made e-commerce website in React for a small scale business, blending creativity with user centric design principles to deliver an engaging and intuitive online shopping experience.

EDUCATION

Vellore Institute of Technology, Vellore, IND   Jul 2019 – Jun 2023
B.Tech - Computer Science and Engineering, 8.8/10 CGPA

S.S.A.P, Ambikapur, IND   Apr 2016 – May 2018
Science with Maths, 91%, Higher Secondary

ACTIVITIES & ACHIEVEMENTS

- **Awards & Impact:** Received 4 prestigious awards for excellence in innovation & value creation for customers. (2023, 2024)
- **Bulls & Bears (Finance Club — Board Member):** Orchestrated 10+ finance workshops and seminars, driving a 40% increase in student attendance compared to the previous year, and boosted club membership to 200+ students. (Vellore, 2021)

SKILLS

Languages	Python, JavaScript, Java, SQL, MongoDB, HTML, CSS
Frameworks	React.js, Next.js, LangChain, Tailwind CSS, Redux, Node.js, Express.js, TypeScript
Developer Tools & DevOps	Git, GitHub, Docker, CI/CD, Microsoft Azure, Kubernetes, Terraform, Firestore