Rubeshchandar Rajkumar

Software Engineer | Full Stack Developer | Devops & Cloud Enthusiast

rubeshchandar@gmail.com | https://linkedin.com/in/Rubeshchandar/ | https://github.com/RubeshChandar | https://rubeshchandar.com/

+44 7776315508 | England, United Kingdom

PROFESSIONAL SUMMARY

Full Stack Developer with about **3 years of professional experience** in React, Flutter, Django, and Firebase, specializing in building scalable web and mobile applications. Expertise in optimizing application performance, integrating DevOps workflows, and implementing cloud-based solutions to drive efficiency.

PROFESSIONAL EXPERIENCE

Software Engineer, Smart Aqua Technologies (consulting)   **Jan 2023 – March 2024**

- Spearheaded the development of responsive web and mobile applications, optimizing performance and implementing core logic to reduce 3rd party package dependencies by 90%, resulting in cleaner, maintainable codebases.
- Engineered full-stack solutions using React (web), Flutter (mobile), and Firebase (auth & storage), streamlining debugging workflows and cutting down development troubleshooting by approximately 15 hours per week.
- Demonstrated expertise in embedded computing by integrating IoT functionalities into mobile application, creating seamless user experiences and containerized environments using Docker, improving deployment efficiency and system scalability by 90%.
- Optimized database queries and caching mechanisms on the backend, decreasing average response time by 500ms for critical data retrieval operations and improving overall application responsiveness.
- Implemented 15+ REST APIs using Django and Django REST Framework, leveraging PostgreSQL databases on AWS, maintaining a robust Git version control system and adhering to strict version control workflows, reducing deployment time by 25%.

Assistant Systems Engineer, Tata Consultancy Services   **May 2021 – Jan 2023**

- Managed the 80% deployment and supervision of the Bank of America's new app into production using Agile methodologies, ensuring system design, security protocols, and adherence to best practices, resulting in less than 10% post-deployment issues.
- Co-ordinated with the development team using Agile software development best practices to implement measures that mitigated 70% of potential issues and resolved 80+ known issues, improving application stability.
- Resolved 85% of critical incidents promptly and performing in-depth Debugging to minimize application performance impact.
- Collaborated with cross-functional teams using Agile practices and Scrum to develop and deploy 10+ new features aligned with business strategy, enhancing user functionality and contributing to a 15% increase in customer satisfaction.
- Managed and maintained the health and performance of 50+ servers on a Linux environment, ensuring more than 95% uptime.
- Liaised with the development team to implement measures to mitigate 70% potential issues and 80+ known issues.
- Mentored 3 junior engineers in full-stack development; implemented a structured training program focused on React, Node.js, and Firebase, improving team code quality and reducing bug reports by 20%.

EDUCATION

University of Liverpool, United Kingdom – Masters, Advanced Computer Science [**Grade** 2:1]   **Sept 2023 – Dec 2024**

Anna University, Chennai, India – Bachelors, Computer Science   **June 2017 – July 2021**

SKILLS

- **Languages :** Python, Java, JavaScript, TypeScript, HTML5, CSS3, SQL, NoSQL, Redis (cache).
- **Frameworks :** Django, Flutter, Angular, React, Node, Pytorch, TensorFlow, NumPy, Pandas, Machine Learning, Scikit-learn.
- **Developer Tools :** Linux, Shell Scripting, Docker, Kubernetes, Git, Splunk, Nginx, WSGI, Web socket.
- **Core Competencies :** Web & Mobile app development, Web-services, API Development, Cloud, Agile and Scrum Practices.

PROJECTS

- Engineered IoT shoes with haptic feedback for visually impaired, enhancing safety and navigation through live obstacle detection.
- Created a web and IoT (raspberry pi) for managing water usage in institutions, reducing wastage and improving efficiency.
- Developed an in-house Linux based home server for centralized NAS storage, self-hosted web applications and plex media server.
- Pioneered a mobile application to connect citizens with law and local enforcement for streamlined area management [Ministry of HR Development's Innovation Cell's National Innovation contest].
- Applied Machine Learning (Reinforcement Learning) algorithms to optimize decision-making processes, gaining hands-on experience with training models, reward functions, and policy evaluation.
- Championed pair programming sessions: improved knowledge transfer and collaboration across the development team which led to the most junior member on the team identifying findings to fix the three biggest causes of crashes.