

Ranaprathap Reddy
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Professional Summary

Software Engineer with 6+ years of experience specializing in Python (Django) and React.js for building scalable, high-performance web and hybrid applications. Skilled in integrating third-party services, optimizing system architecture, and leveraging advanced AWS and Azure services. Proven leadership in cross-functional teams with a strong focus on quality, performance, and agile development.

Key Skills

- * Full-Stack Development: Python, Django, React.js, React Native, C#, TypeScript (basic)
- * DevOps & CI/CD: Azure DevOps, Git, YAML pipelines, Jira
- * Cloud & Integrations: Microsoft Azure, AWS (EC2, S3), REST APIs, SDKs (Twilio, ValueFirst)
- * System Architecture: Native module bridging (React Native ↔ C#), modular UI design, Windows service integration, vehicle diagnostics tooling
- * Databases & Tools: PostgreSQL, MongoDB (foundational), Visual Studio, Postman
- * **Team Leadership:** Sprint planning, mentoring, Agile collaboration with firmware, UX, and QA teams

Professional Experience

HP Inc, Bangalore, India | Feb 2025 to Present

Software Applications Engineer 3

Project: HP Smart Experiences – MyHP App (Windows Platform)

Tech Stack: React Native, JavaScript, C#, .NET, UWP, WinRT, Visual Studio, Yarn, Azure DevOps

- * Developed diagnostic tooling features using **React Native (JavaScript)** and bridged them to native **C#/.NET** modules for BlurScreen, Vision AI, and AcrylicBlur functionality.
- * Engineered background services for configuration sync, SDK integration, and secure deployment workflows on Windows platform.
- * Delivered CI/CD pipelines using Git, YAML, and Azure DevOps; collaborated across firmware, UX, and driver teams in Agile sprints via Jira.

UST, Bangalore, India | May 2024 to Dec 2024

Lead 1 Software Engineer

Client: Microsoft

- * Implemented MVC architecture in developing the web application with the help of Django framework.
- * Develop consumer-based features Python, Django, React JS.
- * Actively involved in developing the methods for Create, Read, Update and Delete (CRUD) in Active Record.
- * Writing reusable, testable, and efficient code.
- * Developed and handled business logic through backend Python code.
- * Developed frontend and backend modules using Python on Django Web Framework.
- * Led a team of five to optimize API performance, reducing latency by 80% through strategic enhancements.

Clomoso Technologies, Bangalore, India | Aug 2018 to Nov 2023

Software Engineer

Project: Aerosimple(Client)

- * Developed and optimized a scalable full-stack web application using Django (Python) and React.js, improving load performance and user engagement by over 30%.
- * Designed and maintained PostgreSQL database schemas for large-scale data storage, ensuring data consistency and optimal query performance.
- * Led a team of five engineers to enhance backend APIs, achieving 80% reduction in latency and improved system throughput.
- * Integrated third-party services like Twilio (SMS, voice) and ValueFirst (marketing automation), significantly extending product capabilities.
- * Refactored legacy codebases into modular, maintainable components following modern Python and JavaScript best practices.
- * Mentored junior developers on RESTful API design, Django ORM, PostgreSQL optimization, and frontend-backend integration.
- * Implemented service-level logging, error tracing, and debugging workflows to improve maintainability and reduce downtime.
- * Contributed to deployment automation and configuration tuning for staging and production environments.

EDUCATION

Great Lakes Institute of Management

Post Graduate Diploma in Management | 2025

Sastra University, Tamil Nadu

B.Tech in Information Technology | 2017