Prasad Sudhir Rane

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CAREER SUMMARY

Experienced Software Engineer with 10 years building scalable web applications (.NET, Angular, AWS, CI/CD), now keenly exploring AI for enhanced development solutions. Proven in designing end-to-end systems, effective Agile teamwork, mentoring junior engineers, and creating clear architecture documentation. Skilled in backend API development, cloud infrastructure (AWS), state management (NgRx), and modern front-end frameworks.

TECHNICAL SKILLS

Languages: C#, SQL, LINQ, GraphQL, TypeScript, SCSS   **Frameworks**: ASP.NET Web API, Angular 12, NgRx, RxJS, SignalR
Cloud/DevOps: AWS Lambda, SQS Terraform, CircleCI, GitHub Workflows   **IDE**: VS, VS Code, JetBrains Rider, MySQL
Tools: ServiceNow, JIRA, Jenkins, Fiddler, Postman, Insomnia, Splunk, Pager Duty, Dynatrace
Database: MS SQL, MySQL, DynamoDB   **AI Tools**: GitHub Copilot, Claude Code, Amazon Bedrock

PROFESSIONAL EXPERIENCE

Rocket Mortgage – *Software Engineer*   *Remote, IL | Jan 2023 – Present*

- Engineered an AI-powered loan information chatbot using Amazon Bedrock (Claude Sonnet) and AWS Lambda to process natural language queries, orchestrate API calls, and synthesize data into concise responses, significantly reducing manual lookup.
- Built internal and client-facing mortgage servicing apps using .NET APIs, AWS Lambda, SQS, and Angular; managed infrastructure via Terraform.
- Led design discussions, documented architectural decisions, and delivered testable tasks with Unit Test coverage aligned to business requirements; mentored junior engineers, performed peer reviews, and coordinated production releases.
- Refined requirements and analyzed system dependencies by collaborating with business analysts and vendor teams to ensure seamless integration.
- Authored technical documentation, updated architecture diagrams, and leveraged AI tools (GitHub Copilot, Claude Code) to accelerate development and system understanding.

London Computer Systems – *Software Developer*   *Cincinnati, OH | Dec 2019 – Jan 2023*

- Developed a reusable SignalR framework for the business application, now widely used for features like issue status updates, watch alerts, call notifications, and real-time user activity tracking.
- Designed and implemented end-to-end application features—including database design, ASP.NET GraphQL and REST APIs, and Angular client-server communication with NgRx state management
- Collaborated with cross-functional teams, reviewed code, guided junior devs, and drove solution discussions.

EXFO Electro Optical Engineering – *Software Developer*   *Pune, India | Mar 2015 – Jun 2018*

- Developed MVC-based Web APIs using TDD; contributed to CI/CD using Jenkins.
- Automated 70% of UI tests by creating a custom Test Complete framework.
- Delivered architecture mockups and prototypes during planning and design phases.

Tanish Infotech Solutions – *Trainee Software Developer*   *Pune, India | Mar 2014 – Feb 2015*

- Built web and desktop apps on .NET; documented requirements through direct client engagement.

EDUCATION

M.S. in Information Systems – University of Cincinnati – *GPA: 3.8*   *– Dec 2019*
B.E. in Electronics & Telecommunication – University of Pune   *– May 2013*