Sukhada Chiplunkar
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SUMMARY

Full-Stack Software Engineer with a background in C#, .NET, React, and Javascript. Experienced in backend systems, CI/CD, AI-integrated systems, and agile team delivery. A collaborative problem solver who communicates clearly across disciplines, adapts quickly to shifting priorities, and thrives in fast-paced, innovation-driven environments.

SKILLS AND CERTIFICATIONS

Frontend: React, Redux, TypeScript, JavaScript (ES6+), HTML5, CSS3, Material UI, Bootstrap, Razor Pages, Blazor
Backend & APIs: .NET Core, .NET Framework, C#, ASP.NET Core (Web API, MVC), Node.js, Express, Minimal APIs
.NET Development: Entity Framework, ADO.NET, LINQ, WCF, Web Services (SOAP), WinForms, WPF
Databases: SQL Server (T-SQL), PostgreSQL
Cloud/DevOps: AWS (EC2, ECS Fargate, RDS, ECR, Bedrock), Docker, GitHub Actions, Azure DevOps, TFS, Git
AI/ML Tools: OpenAI, Claude, GitHub Copilot, AWS Bedrock, Microsoft Presidio, MCP
Tools: Visual Studio, VS Code, Jupyter Notebook, Git, GitHub, SonarQube, Veracode
Methodologies: Agile (Scrum), CI/CD
Concepts: RESTful APIs, Microservices, OAuth 2.0, JWT, JSON, XML, HIPAA-compliant systems
Certifications: **Microsoft C# (70-483), Certified ScrumMaster (CSM) by** Scrum Alliance

PROFESSIONAL EXPERIENCE

Vertex Precise Engineering   Remote
Senior Software Engineer   Nov 2025 - Present
- Built an AI-powered chatbot embedded within an inventory management system, leveraging agentic AI with Claude and the Model Context Protocol (MCP) to automate supply chain monitoring for mechanical manufacturing, using Node.js and Express.
- Accelerated development by leveraging Claude Code and GitHub Copilot for context-aware code generation, reducing delivery estimates by at least 2 days per sprint and overall development time by 20%.
- Led end-to-end design and development of a .NET N-tier solution; performed code reviews and mentored junior engineers to improve code efficiency and reduce technical debt.

United Healthcare   Los Angeles, CA
Software Engineer   Jan 2022 - Mar 2024
- Migrated legacy applications to a modernized platform using an updated tech stack and redesigned workflows, resulting in a 20% increase in client engagement, ensuring PHI protection under strict HIPAA compliance.
- Streamlined CI/CD pipelines, migrating from Azure DevOps and TFS to Git-based workflows with Docker containerization, reducing deployment time by 60%.
- Implemented OAuth 2.0 based authentication and authorization, along with Multi-Factor Authentication (MFA), strengthening security and protecting data for millions of members and thousands of providers.
- Designed modular architecture and reusable components, reducing development cycles by 40% and contributing to approximately $140K in annual savings.

Cognizant   Los Angeles, CA
.NET Product Specialist   Mar 2021 - Jan 2022
- Oversaw end-to-end development, from requirements gathering and system design to final delivery. Developed and deployed responsive web pages using JavaScript, .NET, jQuery, HTML, CSS, and Bootstrap, driving a 15% increase in user satisfaction through 20+ targeted UI enhancements.
- Resolved security vulnerabilities identified by CodeQL, SonarQube, and Veracode, reducing critical and high-severity issues by 50%.

Accenture   Pune, IND
Associate Software Engineer   Sept 2017 - Mar 2019
- Reduced production incidents by 50% through monitoring and structured logging, delivered enhancements and bug fixes through CAB cycles for CI/CD deployments across all environments.
- Wrote and optimized complex queries and stored procedures resulting in at least $120K in annual savings and cutting report generation time from 10 minutes to under 4 minutes (60% improvement).

PROJECT - Early stage Venture   Mar 2024 - Present

- Built the initial product architecture and codebase for a self-initiated startup using PostgreSQL, a .NET backend, and a React/Redux frontend; Deployed the first version on AWS ECS Fargate using Docker, integrating AWS RDS, ECR, and GitHub Actions for CI/CD.

EDUCATION

- **Master of Science in Management Information Systems** | Univ. of Cincinnati | **GPA**: 3.88   Dec 2020
- **Bachelors of Engineering in Electronics & Telecommunication** | Univ. of Pune | **GPA**: 3.90   May 2017