

Pranjal Singh

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SOFTWARE ENGINEER · CLOUD & DEVOPS · AI-ASSISTED DEVELOPMENT

PROFILE

Computer Science graduate with hands-on experience using Claude Code and prompt engineering for AI-assisted development, alongside engineering experience across the delivery lifecycle — shipping code, building Azure DevOps CI/CD pipelines, automating infrastructure with Terraform, and enforcing code-quality gates in a production team at Capgemini. Azure Administrator (AZ-104) and AWS certified.

EDUCATION

B.Tech, Computer Science & Engineering — Bennett University, Greater Noida **2019-2023**
CGPA 7.99 / 10 · Presidium School, Indirapuram — Class XII 90% (PCM 92%), Class X 10 CGPA

EXPERIENCE

DevOps Engineer, Intern — Capgemini Engineering **2022-2023**

- Built and maintained Azure DevOps CI/CD pipelines deploying application code to Cloud Foundry, replacing manual release steps with a repeatable automated process.
- Integrated SonarCloud static analysis and JaCoCo coverage into the pipeline so quality issues were caught at build time rather than in review.
- Automated provisioning of HSDP cloud resources with Terraform, making environments reproducible and removing manual setup per deployment.
- Designed a three-branch Git strategy (Main / Dev / Test) separating developer, QA and production paths, reducing merge conflicts and accidental pushes to production.
- Wrote and maintained sprint plans and user stories in Azure Boards, coordinating scope each sprint with developers and QA.

Business Analyst, Intern — Sitel Group **2021**

- Reviewed and corrected topic taxonomies across large Excel datasets, validating each topic against project requirements before ingestion.
- Uploaded verified topic sets into the text-analytics portal, supporting downstream text-mining and reporting workflows.

SKILLS

Languages

Python, C++, SQL, Data Structures & Algorithms

Development

Application development, database design, web development, Git

Practices

Infrastructure as Code, Agile/Scrum, sprint planning, Salesforce

Cloud & DevOps

Azure, AWS, Azure DevOps, GitHub Actions, Jenkins, Terraform, Cloud Foundry, CI/CD

Quality & Testing

SonarCloud, JaCoCo, automated build gates

AI Tooling

Claude Code, Prompt Engineering, Model Context Protocol (MCP)

CREDENTIALS

Microsoft Certified: Azure Administrator Associate (AZ-104)
AWS Cloud Practitioner Essentials
Anthropic AI Fluency · Claude 101 · Claude Code 101 · Claude Code in Action · Introduction to MCP
Other Coding Ninjas — Excellence in C++ and in DSA · Cisco — Introduction to Packet Tracer