

ADITYA PANDITA

Seattle, WA

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Education

Northeastern University

Seattle, WA

Master of Science in Computer Science; GPA: 4.0/4.0

Sep 2025 – May 2027

- **Relevant Coursework:** Data Structures & Algorithms, Object-Oriented Design, Large Language Models, Agentic AI Systems, Machine Learning, Distributed Systems, Database Management Systems

Savitribai Phule Pune University

Pune, India

Bachelor of Engineering in Computer Engineering

Jun 2015 – May 2019

Technical Skills

Languages: Java, Python, JavaScript (ES6+), TypeScript, Go, SQL, HTML/CSS, Apex

Frameworks & Libraries: React.js, Next.js, Node.js, Spring Boot, LangChain, PyTorch, TensorFlow, Lightning Web Components (LWC), Aura, Visualforce

Salesforce & CRM: Salesforce CRM customisation, Einstein AI, AgentForce, Sales Cloud, business process automation, CPQ

AI/ML & Generative AI: OpenAI/GPT APIs, LLMs, AI-driven automation, RAG pipelines; **AI Coding Tools:** Claude Code, GitHub Copilot, Cursor

Cloud & DevOps: AWS (EC2, S3, Lambda, RDS), Docker, Kubernetes, CI/CD, Git, Copado

Databases & Backend: PostgreSQL, MySQL, MongoDB, Redis, REST APIs, GraphQL, microservices | **Practices:** Agile/Scrum, technical documentation

Work Experience

Salesforce

Oct 2022 – Aug 2025

Technical Consultant

Bengaluru, India

- Contributed to the development of enterprise Salesforce applications for clients including PayPal and OLA, building Apex backend logic, Lightning Web Components, and REST API integrations that automated core business processes and streamlined sales pipeline management across multiple business units.
- Engineered data pipelines and backend services (Java, Python) processing 10M+ records at ~95–96% uptime. Maintained 85%+ unit test coverage, deployed via CI/CD
- Worked closely with cross-functional stakeholders to translate complex business requirements into scalable CRM solutions, taking ownership of end-to-end feature delivery from design through production deployment and telemetry setup.

Algoworks

Jun 2022 – Oct 2022

Software Engineer

Noida, India

- Developed full-stack web application features using JavaScript, React.js, and Java/Python backends, building modular components integrated with REST APIs that achieved a 40% reduction in data processing time; contributed to Agile sprint planning, and iterative feature delivery across the SDLC.
- Authored comprehensive technical documentation and system specifications; carried out root cause analysis on production defects and delivered improvement recommendations to cross-functional engineering teams.

Infobeans

Jun 2019 – May 2022

Software Engineer

Pune, India

- Designed and deployed scalable web applications and cloud services on AWS handling 1M+ records using Java, Node.js, and Spring Boot. Implemented CI/CD pipelines with Docker, and delivered a graph-algorithm optimisation for DHL logistics resulting in a 15% reduction in delivery times.

Projects

C3: Climate Career Compass (TreeHacks @ Stanford) | *Python, React.js, LangChain, OpenAI/GPT APIs, REST APIs, PostgreSQL*

- Built a full-stack AI-powered web application integrating GPT-based LLMs and LangChain for conversational career guidance. Designed RESTful API backend services, a React.js front end, and AI-driven recommendation pipelines; presented the system architecture and AI design decisions to judges at Stanford University.

Decidr Code – AI-Assisted Change Tracker & Dev Platform | *TypeScript, Tauri v2, Node.js, PostgreSQL, VS Code Extension, MCP*

- Building a multi-agent SDLC platform with an AI-assisted change tracker, VS Code extension, and MCP server integration. Architected an 18-epic roadmap covering automated code review, diff analysis, and developer workflow automation; built on Tauri v2 with a PostgreSQL backend and Node.js services.

Salesforce Backend in Go | *Go, chi, ppx, sqlc, PostgreSQL, Docker, JWT/PKCE, river*

- Re-implementing Salesforce's Java/Spring Boot platform backend entirely in Go, reproducing 12 core subsystems: a dynamic metadata engine (object/field definitions, picklist values), a validation rules engine using structured condition trees, a multi-step approval process state machine with delegation and field-update hooks, and a security engine enforcing OWD, role hierarchy (recursive CTE), sharing rules, and manual shares – injected into every query.
- Building a profile and permission-set RBAC layer (bool_or union across profile + stacked permission sets), an OAuth 2.0 server with Authorization Code + PKCE and refresh token rotation, a workflow engine firing field updates, email alerts, and task creation on record save, and a PostgreSQL-backed async job queue (river) supporting fire-and-forget and chunked batch processing – all containerised with Docker and wired through a chi REST API layer.