

ADITYA MAURYA

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EDUCATION

Bennett University B.Tech in Computer Science Engineering (Cloud Computing)

Aug 2023 – May 2027

CGPA: 7.7

EXPERIENCE

Software Development Engineer Intern

May 2026 – Present

Scaler AI Labs

On-site

- Engineered and trained Reinforcement Learning agents and applied RL pipelines for 2+ production-grade AI systems using Python and PyTorch.
- Designed evaluation harnesses and internal model tooling to benchmark 3+ RL agents across 20+ experiment runs, accelerating performance comparison.

Junior Full-Stack Developer

Jul 2025 – April 2026

SpectroNOVA

Remote

- Built and tested REST APIs and backend microservices using ASP.NET supporting 5,000+ active users across enterprise modules.
- Deployed microservices to Azure Kubernetes Service (AKS) with centralized monitoring and centralized logging.
- Designed and maintained CI/CD pipelines with GitHub Actions and Azure DevOps enabling automated build, test, and deployment workflows.
- Performed API testing using Postman, validating edge cases, error handling, and response consistency across services.

Full-Stack Developer

Aug 2025 – Oct 2025

USUALS.AI

Remote, Contract

- Architected NestJS backend with Prisma and PostgreSQL handling 1k+ AI media processing jobs/month with Electron + React Bundle desktop Application for Video Editing and Node editor for media and concept generation.
- Designed and refined system prompts and bias strategies to generate more accurate and consistent outputs from generative AI models.
- Designed scalable media processing queues and Node.js pipelines reducing manual editing time by 45%.

CS / IT Engineer Intern

Jun 2025 – Jul 2025

Bharat Heavy Electricals Limited (BHEL)

Bhopal

- Analyzed enterprise infrastructure supporting 1,000+ users across reliability, performance, and scalability dimensions.
- Studied distributed system design in production: load balancing, caching layers, CDN architecture, high-availability clusters, and hybrid cloud/on-prem patterns.
- Evaluated relational database architectures for mission-critical industrial workloads, focusing on consistency and fault tolerance.

Full-Stack Developer

Jan 2025 – Aug 2025

Computing Mind Technology

Remote

- Led MERN platform development serving 200+ learners with AWS-hosted scalable backend infrastructure.

- Designed CI/CD workflows and automated deployments using Docker and AWS services (EC2, S3, CloudFront).
- Built real-time class and scheduling systems improving engagement by 40%.

Frontend Developer Intern

Jun 2024 – Mar 2025

Sapphire Broking

Remote

- Founding frontend developer responsible for building core user-facing interfaces from scratch.
- Developed an onboarding web application with seamless integration of Surepass API for user verification and KYC workflows.
- Built trading and portfolio dashboards with real-time data visualization, including P&L tracking and interactive tables.

SKILLS

Languages	Python, C++, Java, C#, JavaScript, TypeScript, Go
Core CS	DSA, System Design, Distributed Systems, OS, Networks, DBMS
Backend & APIs	Node.js, Express, NestJS, Django, .NET, REST, GraphQL, WebSockets, Microservices
Cloud & DevOps	AWS, Azure (AKS), Docker, Kubernetes, Terraform, CI/CD, GitHub Actions, Linux
Databases	PostgreSQL, MySQL, SQL Server, MongoDB, Redis, DynamoDB
ML & AI	PyTorch, Reinforcement Learning, NumPy, Pandas
Frontend	React, Next.js, Vue.js, Tailwind CSS
Tools & Testing	Git, Bash, Prisma, Mongoose, Entity Framework, Postman, Jest

PROJECTS

Task Morpher — Task & Project Management Platform (Live)

Next.js + Supabase SaaS with real-time collaboration, analytics dashboards, and CI/CD deployment; supports 500+ users.

Tech.UI — UI Component Library (Live)

Reusable responsive UI components used across 20+ projects.

Virtual Ventures — Trading Simulator (Live)

Node.js backend simulating 1,000+ symbols with real-time portfolios for 300+ users.

Learning Habits — E-Learning Platform (Live)

MERN + AWS deployment with Stripe payments and scalable media delivery.

ACHIEVEMENTS

- Solved 800+ LeetCode problems with 1,650+ contest rating.
- Industrial Hackathon Winner (2024): 1st place among 50+ teams.
- Research Head — Bennett Cloud Computing Club: mentored 100+ students on cloud and architecture.