

Deepansh Gupta

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EDUCATION

Ajay Kumar Garg Engineering College

Bachelor of Technology in Computer Science (GPA: 8.30 / 10.00)

Graduated - July 2024

Ghaziabad, Uttar Pradesh

TECHNICAL SKILLS

Languages:

Rust, Python, JavaScript, TypeScript, C++

Frameworks & Libraries:

React.js, Next.js, Node.js, FastAPI, TensorFlow, PyTorch, TanStack Query

Developer Tools & Platforms:

Docker, GCP, PostgreSQL, MongoDB, Git, VS Code, Jest, Vitest

Concepts:

System Design, Backend Development, CI/CD, GenAI, RAG, API Design, RBAC

EXPERIENCE

Techolution

Full Stack Developer

Hyderabad, India

Feb 2024 – Present

- Engineered and launched 22+ features across 4 products, reducing backend response times by 45% and optimizing frontend rendering speeds by 35% through targeted performance improvements.
- Pioneered a GenAI-powered VS Code extension that accelerated developer productivity for 50+ engineers, effectively cutting feature delivery timelines in half.
- Architected and deployed production-grade CI/CD pipelines using Docker and GCP, automating workflows and decreasing the software deployment cycle time by 60%.
- Designed and implemented a multi-tenant Managed Service Provider (MSP) module, directly enabling new enterprise sales channels and boosting B2B client onboarding efficiency by 40%.
- Owned the platform's security infrastructure, integrating robust authentication and Role-Based Access Control (RBAC) to enhance system integrity and access control.

PROJECTS

Paytm Clone | React.js, Node.js, Express.js, MongoDB, Tailwind CSS

[GitHub](#) | [Deploy](#)

- Developed a full-stack fintech application with secure authentication and real-time transaction processing, achieving a 60% boost in payment throughput via a service-oriented backend.
- Reduced API latency by 25% and server load by 30% through strategic asynchronous operations and optimized MongoDB indexing, enhancing overall application performance.

Blockchain-Based Voting System | Solidity, Ethereum, Smart Contracts, React, Web3.js

[GitHub](#)

- Constructed a decentralized e-voting platform on the Ethereum blockchain, ensuring a transparent, immutable, and fully auditable electoral process for all participants.
- Authored gas-optimized Solidity smart contracts that decreased transaction costs by 20% while guaranteeing a tamper-proof voting mechanism.

Diabetes Prediction Model | Python, pandas, Streamlit, scikit-learn

[GitHub](#) | [Deploy](#)

- Engineered and deployed a supervised machine learning pipeline with 77% predictive accuracy, providing a real-time diagnostic interface for healthcare practitioners using Streamlit.

ACHIEVEMENTS

- Achieved **Global Rank 124** in CodeChef July Lunchtime, placing in the top tier of competitors.
- Ranked in the top 12% of competitive programmers worldwide on LeetCode with a peak rating of 1700+.
- Secured **Global Rank 726** in Codeforces Round 863, demonstrating advanced algorithmic proficiency.
- Consistently solved over 1200+ problems on platforms including LeetCode, Codeforces, and CodeChef.