

ACHHUTA NAND JHA

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PROFESSIONAL SUMMARY

Aspiring Software Engineer with strong foundations in Data Structures, Algorithms, and scalable system design. Solved 400+ competitive coding problems and built production-grade full-stack and AI-driven applications. Seeking to contribute to high-impact engineering teams by developing optimized, distributed, and performance-oriented software solutions.

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript; basic familiarity with C, C++, C#, and Go

Computer Science Fundamentals: Data Structures & Algorithms (Arrays, Trees, Graphs, Heaps, Hashing, DP, Greedy, Backtracking), OOP, Design Patterns, Basic System Design, REST API Design, Authentication & Authorization (JWT, RBAC)

Web Development: React.js, Next.js, Node.js, Express.js, MongoDB, PostgreSQL, RESTful APIs

ML/AI Libraries: Scikit-learn, TensorFlow, PyTorch, Keras, Transformers

Tools: Git, GitHub, Docker, SQL, MongoDB

Cloud & Deployment: AWS (EC2, S3), Azure (AI Services), Render

PROFESSIONAL EXPERIENCE

Full Stack Developer Intern | EY Global Delivery Services

Dec 2024 - Jan 2025

Remote, India (via Edunet & AICTE)

- Built and deployed full-stack MERN applications implementing authentication, RBAC, RESTful API design, and modular architecture patterns.
- Applied clean architecture principles, debugging practices, and Git-based collaboration in multi-role production environments.

AI & ML Intern | Microsoft

Apr 2025 - May 2025

Remote, India (via Edunet Foundation & AICTE)

- Developed NLP-based SMS spam classifier using TF-IDF and Random Forest achieving 98% classification accuracy.
- Designed and implemented end-to-end ML pipeline including preprocessing, feature engineering, model training, and performance evaluation.

PROJECTS

FluencyAI - AI-Powered Interview Training | [GitHub](#) | [Live](#)

Jan 2025 - Present

Tech Stack: Next.js, TypeScript, PostgreSQL, Prisma ORM, NextAuth, Razorpay

- Developed a production-grade SaaS platform with modular architecture following SOLID principles; designed a normalized PostgreSQL database schema for scalability and data integrity.
- Improved API response time by ~30% through query optimization, indexing strategies, and efficient database design.

TechSeva - AI-Powered Hyperlocal Service Platform | [GitHub](#) | [Live](#)

Sep 2024 - Present

Tech Stack: Node.js, Express.js, React.js, MongoDB, Redis, Docker, JWT Auth

- Developed a scalable backend architecture with real-time service allocation logic to efficiently manage user requests and service assignments.
- Implemented secure REST APIs with JWT-based authentication and role-based access control (RBAC); designed a structured MongoDB schema with 10+ collections for users, jobs, transactions, and administrative controls.

CERTIFICATIONS & ACHIEVEMENTS

- Microsoft Applied Skills – Azure AI Language (NLP) | Microsoft | [View Credential](#)
- GfG 160 – 160 Days of Problem Solving (22-Week Structured DSA Program), GeeksforGeeks | [View Credential](#)
- Programming Fundamentals using Python (66 Hours), Infosys Springboard | [View Credential](#)
- Database Management System (55 Hours), Infosys Springboard | [View Credential](#)
- Software Engineering (8 Hours), Infosys Springboard | [View Credential](#)

EDUCATION

B.Tech in Computer Science and Engineering

GLA University, Mathura | CGPA: 7.39/10.0

2023 - 2027