

Aryan Kumar

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PROFESSIONAL SUMMARY

- Software Engineer with hands-on experience in designing, developing, and maintaining scalable web applications.
- Proficient in Python, Java, JavaScript, Node.js, and React.js for building modern web applications.
- Skilled in API development, schema design, and query optimization using relational databases.
- Experienced in developing cloud-ready applications and working with Azure services.
- Hands-on experience with CI/CD pipelines, Git-based workflows, and Linux environments for automated build, testing, and deployment processes.
- Built and deployed full-stack projects such as “Know India” using React.js, Node.js, and MySQL with authentication, logging, and scalable backend APIs.
- Microsoft Azure Fundamentals (AZ-900) certified with a strong interest in DevOps, cloud infrastructure, automation, and developer productivity tools.

EDUCATION

Bengal Institute of Technology, Kolkata (WB)

Bachelor of Technology – Information Technology | CGPA – 8.6

August 2019 - June 2023

TECHNICAL SKILLS & CERTIFICATIONS

- Programming: Python, Java, JavaScript
- Frontend Development: React.js, Hooks, State Management, Component Architecture
- Backend Development: Node.js, Knex.js, REST API Development
- Database: MySQL, PostgreSQL, MongoDB
- Cloud Platforms: Azure Virtual Machines, Azure Storage, Azure Active Directory.
- DevOps & Version Control: Git, GitHub, CI/CD Pipelines, Linux
- Web Technologies: Full-Stack MERN Development, Authentication, API Integration
- Certifications: Microsoft Azure Fundamentals (AZ-900)

WORK EXPERIENCE

Software Engineer

Ltimindtree, Hyderabad

Aug 2024 - Present

- Developed scalable backend services with structured logic and data validation to support web applications.
- Designed RESTful APIs to enable efficient and reliable communication between frontend and backend systems.
- Managed relational database including schema design, query optimization, and data consistency improvements.
- Supported cloud-based deployments to ensure application scalability, availability, and performance in production.
- Contributed to CI/CD pipelines and automated deployment workflows, improving development efficiency.

Software Developer Intern

Helper 4 U services LLP, Remote

Dec 2023 – Mar 2024

- Assisted in developing backend services using Python and JavaScript for web-based applications.
- Automated repetitive backend operations with Python, improving workflow efficiency and reducing manual effort.
- Participated in Agile development processes, including sprint planning, testing, and deployment activities.
- Performed debugging, testing, and validation to ensure application reliability and stable production releases.

PROJECTS

Tourism Information Platform (Know India)

- Designed and developed a scalable tourism information platform for managing structured data about tourist destinations across India using React.js, Node.js, and MySQL
- Built and optimized RESTful APIs and relational database schemas to support CRUD operations, efficient data retrieval, and reliable frontend–backend communication
- Implemented authentication, input validation, and logging mechanisms to ensure secure data management and improve application reliability.

AURA – AI Assistant

- Designed and developed an AI-powered developer assistant to automate workflows and improve productivity.
- Implemented speech recognition and command-based interaction using Python to enable voice-driven task execution and developer assistance.
- Built a modular automation framework with AI-driven response generation and task orchestration, supporting extensible features and offline-capable operations.