

AKASH DEY

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OBJECTIVE

2025 Computer Science Engineering graduate skilled in Java, Python, JavaScript, and full-stack development. Experienced in microservices, cloud (AWS), CI/CD, and debugging. Seeking a Software Engineer role to build scalable and impactful applications.

EDUCATION

B.Tech in Computer Science Engineering,

2021-2025

Maulana Abul Kalam Azad University of Technology

Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, DBMS

SKILLS

Technical Skills	Java, JavaScript, Python, React.js, Node.js, Express.js, MongoDB, SQL, AWS, Git, GitHub, Tailwind CSS
Soft Skills	Problem-solving, Communication, Teamwork, Adaptability, Time Management, Leadership
Tools	Visual Studio Code, Figma, Postman, Docker, Linux, WSL

EXPERIENCE

Programmer Analyst Trainee

July 2025 - Present

Cognizant

Bengaluru, India

- Delivered a **full-stack application** under **Agile methodology** using **Python, Flask, PostgreSQL, HTML, CSS, and JavaScript** to support high-volume data ingestion, achieving a **90% performance improvement**. Architected a scalable ingestion pipeline using **memory-mapped files** and a **concurrent producer-consumer model**. Enhanced business operations by implementing a **real-time insurance print status API**, reducing manual tracking efforts by **80%**.
- Built an OpenText Exstream application utilizing data sections, paragraph hierarchy, and conditional content logic to produce compliant, data-driven insurance communications.

Frontend Developer Intern

Aug 2023 - Nov 2023

AI Chef Master

Remote

- Led frontend development of the company dashboard using **React.js and Tailwind CSS**, delivering a responsive UI that ensured 100% mobile compatibility.
- Improved dashboard load times by 30% through optimizations including **React.memo, lazy loading, and code splitting**.

PROJECTS

Animaxx Built a full-stack MERN application using **React.js, Tailwind CSS, Node.js, Express.js, and MongoDB** to help users track anime releases, register, and create personalized watchlists. Integrated the **AniList API (500,000+ entries)** for anime discovery and playlist sharing. ([GitHub](#)) · ([Live Demo](#))

AI-Interviewer Built a mock interview platform powered by **Gemini AI** using **Next.js, Drizzle ORM, and PostgreSQL (Neon DB)**. Users input a job role, description, and years of experience to receive realistic AI-driven interviews with personalized feedback. ([GitHub](#))

ACHIEVEMENTS

- Solved 400+ Data Structures & Algorithms problems on LeetCode and GeeksforGeeks.