

# 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

<b>Technical Skills</b>	Java, JavaScript, Python, React.js, Node.js, Express.js, MongoDB, SQL, AWS, Git, GitHub, Tailwind CSS
<b>Soft Skills</b>	Problem-solving, Communication, Teamwork, Adaptability, Time Management, Leadership
<b>Tools</b>	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.