

Md Shoaib Akhtar

Full Stack Software Engineer



mdshoaibakhtar



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imdshoaibakhtar@gmail.com



+919905109322

EXPERIENCE

CLOUDKAPTAN | SOFTWARE ENGINEER

September 2022 – Current | Kolkata, India

- Designed and implemented web applications using **ReactJS, Django REST Framework, Node.js**, and **FastAPI** for development, **increasing efficiency by 86%** and ensuring seamless user experiences.
- Implemented various **AWS services** such as **DynamoDB, Cognito, Elasticsearch, Lambda, Secret Manager, CloudWatch**, and **API Gateway** to build scalable, secure, and high-performance applications, enhancing overall system reliability and **user engagement by 77%**.
- Gained experience in **professional ethics**, collaboration by working with large teams and effectively coordinating with team members.
- Engaged in continuous learning and solutions design, expanding skills to include **Boomi Platform** and additional AWS services, resulting in a **55% improvement** in project delivery times.

AVIRAM TECHNOLOGY | SOFTWARE ENGINEER INTERN

March 2022 – August 2022 | Remote

- Analyzed requirements and engineered a web application using **ReactJS** and **TypeScript**, enhancing **user interaction by 75%**.
- Successfully interfaced with backend **APIs**, implementing efficient data retrieval and seamless display mechanisms to enhance user interaction.
- Delivered projects on time with **98% accuracy**, **enhancing team efficiency by 30%** while gaining hands-on experience with industry-standard tools under high-pressure conditions.

PROJECTS

AI POWERED MULTI-PARTY MESSAGING PLATFORM

- Designed and developed an AI-powered multiparty messaging platform, **enhancing communication and collaboration by 76%** using **ReactJS, DRF (Django)**, and **AWS services** such as **Lambda Function, API Gateway, DynamoDB**, and **Secrets Manager**.
- Worked on **Payment Gateway** and **Document Upload** web app for end users, with a customizable dashboard for bank authorities with full UI configuration, and enabling banks to send sms **via Twilio or Pinpoint**.
- Integrated **AWS WAF Captcha** and **Multi-Factor Authentication (MFA) via QR code**, **improving security by 76%**.
- Managed version control with **Git** and applied **agile Scrum practices using Jira (Atlassian)**, enhancing team productivity by **55%**.

CROSS PLATFORM INTEGRATION AND MIDDLEWARE DEVELOPMENT

- Led the development of **cross-platform integration** projects and middleware, designing and implementing middleware **private APIs** using **AWS Lambda, API Gateway, VPC, Relational database services** and **Secrets Manager** for secure secret management.
- My responsibility is to utilize the **Boomi integration platform** to expose private APIs and facilitate integration with multiple vendors, resulting in an **88% increase in user engagement**, while extensively employing AWS services to leverage their capabilities for efficient and scalable solutions.

SEMICOLON - JOB PLATFORM

- Developing a **job/employment web application** with separate access for companies/HR (admin) and employees (standard users).
- Implemented functionalities for job seekers to **easily apply for job** roles and for admins to **post job openings**.
- Leveraging **Next.js** for front-end development, APIs using **Django REST Framework** and designing a responsive, interactive UI with **Tailwind CSS**.
- Currently working on introducing **AI chatbot** for assistance and support. And new flow feature to streamline the hiring process.
- **Project is currently in progress** with ongoing feature enhancements and optimizations.
- [Github](#)

SKILLS

PROGRAMMING

• Java • JavaScript • Python • TypeScript
• SQL • HTML • CSS • Tailwind

LIBRARIES/Frameworks

• React.js • Next.js • Django • FastAPI
• Node.js

TOOLS

• Git • Github • Notion • Jira • Vs Code

CLOUD/INTEGRATION PLATFORMS

• AWS services • Boomi

DATABASE

• DynamoDB • AWS RDS • PostgreSQL

EDUCATION

SILIGURI INSTITUTE OF TECHNOLOGY

BACHELOR'S IN COMPUTER SCIENCE AND
ENGINEERING

July 2019 - June 2023 | Siliguri, India

CGPA: 9.0 / 10.0