Md Shoaib Akhtar

`Full Stack Software Engineer`

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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.

JOBSCRIPT - JOB PLATFORM ⬈

- ➜ Created **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.**
- ➜ Utilized **ReactJS** for front-end development and **Django REST Framework (DRF)** for building robust **APIs.**
- ➜ Employed **multiple types of hooks and Material-UI components** to create a responsive and **interactive user interface.**
- ➜ Currently working on introducing a new flow(**React Flow**) feature to streamline the hiring process and also Planning to implement an **AI chatbot** for assistance and support.
- ➜ 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