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Top Skills

JSON Web Token (JWT)
JSON
Git

Arsalan Ahmad

Software Engineer | Freelancer | YouTuber
India

Summary

As a software engineer with a bachelor's degree in computer engineering and a passion for problem-solving, I have developed and deployed robust backend and front-end systems using C++, JavaScript, and the MERN stack. I have also utilized AWS for scalability, security, and notification purposes, enhancing the user experience and satisfaction.

My most recent work experience as a back end developer at Svann Consumer Private Limited involved building the entire backend for a project from scratch, integrating authentication and authorization mechanisms, and implementing Sentry integration for error tracking and resolution. Previously, I worked as a full-stack developer at Harshly Education And Skills Technologies Pvt. Ltd., where I created a sophisticated notification system with AWS SNS, enforced access restrictions for expired courses, and monitored and documented student attendance during Zoom classes. In addition, I have sharpened my coding precision by tackling over 200 LeetCode challenges, demonstrating my expertise in various programming languages and mathematics topics. I'm actively seeking opportunities to collaborate on innovative projects, so let's connect and explore how we can make a real impact together.

Experience

AdrushAI
Back End Developer
June 2024 - August 2024 (3 months)

· Scraped and curated a comprehensive dataset of 1,300+ AI tools and startups from various platforms
for Adrush.ai, an AI directory and advertising platform, contributing to enhanced data quality and user
experience.

· Developed a Python script to automate the storage of 1,300+ AI tools/ startups data into Google Sheets
and implemented a Google Apps Script API for efficient data retrieval during the initial phase of devel-
opment.
· Migrated the dataset from Google Sheets to MongoDB, and developed RESTful APIs using Express.js
for core functionalities such as data retrieval, new tool additions, and Google OAuth-based user autho-
rization.
· Personally deployed the backend on an AWS EC2 instance, overseeing server setup and infrastructure
management.
· Supported a global user base of 63+ active users, ensuring efficient backend performance and timely
updates.

Svann Consumer Private Limited
Back End Developer
May 2023 - July 2023 (3 months)

• Built right from the start, the entire backend for our project, including all essential functionalities and intricate logic. Emphasized the creation of maintainable code throughout the process.
• Integrated robust authentication and authorization mechanisms, preventing unauthorized access to sensitive data and functionalities.
• Implemented Sentry integration, which enables us to track and record any issues and errors. Additionally, this integration allows us to receive real-time notifications directly in our designated Slack channel, ensuring prompt and seamless communication for swift issue resolution.

Easyhai Online
Full-stack Developer
November 2022 - March 2023 (5 months)
Noida, Uttar Pradesh, India

• Developed and deployed a robust notification system with AWS SNS, effectively informing users about their scheduled classes, upcoming events, and
payment due dates through their Android and iPhone applications.
• Built a sophisticated system that enforces access restrictions for expired courses, proactively blocking user access, and additionally, automates timely

payment reminders through user notifications.

• Developed a comprehensive system to monitor and document student attendance during Zoom classes, meticulously registering the data for analysis,

and efficiently notifying parents about their children's attendance status.

• In my internships, I showcased a keen knack for precisely debugging and proficiently resolving issues on both the backend and front end. I also successfully enhanced UI elements.

Quizlet
Content Contributor
April 2021 - November 2021 (8 months)

I dedicatedly produced detailed solutions for a vast collection of over 1,000 questions encompassing programming languages like C++ and Java, as well as

various mathematics topics sourced from high school and college textbooks in the United States. These solutions are tailored to meet the academic requirements of students, offering them valuable support in their studies.

Slader
7 months

Content Contributor
February 2021 - April 2021 (3 months)

Metadata Contributor
October 2020 - February 2021 (5 months)

Education

Indira Gandhi National Open University
BCA, Computer and Information Sciences, General

Bihar School Examination Board (BSEB)
Senior Secondary School

Bihar School Examination Board (BSEB)
Secondary School