

Muneer Ahmed

Application Engineer II

Software engineer with a proven track record of success in developing and delivering high-quality, scalable, and secure software solutions. Strong problem-solving and analytical skills, as well as excellent communication and teamwork skills.

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WORK EXPERIENCE

Application Engineer II Next Generation Innovations

04/2021 - Present Karachi
Working with a client German Startup (heronOS) to develop a Microservice based Chat bot and Support platform

Achievements/Tasks

- Developing a SaaS platform for digital assistants using a microservices architecture, Node.js, PostgreSQL, Redis, RabbitMQ and gRPC for inter-service communication.
- Work as Front End Developer (Vue.js).
- Foreign Client Communications.

Application Engineer Next Generation Innovations

11/2019 - 03/2021

Achievements/Tasks

- Developed AI Chat-bot app using Web Sockets, Dialog Flow, OpenAI GPT3, TTS and STT of Google, Microsoft and AWS.
- Developed Education App named SmartMentor using (Node Js) as BE and (Vue) as FE.
- Developed Education App named AchieveOn using Node Js express.
- Developed a Command Line Utility Tool to auto populate files with data with file mode or use interactive command mode using Chat GPT OpenAI platform.
- Developed E-Commerce Web App named WEARTHAT.

EDUCATION

BSCS

IQRA University Main Campus

09/2015 - 12/2019

Karachi, 3.25 CGPA

INTERMEDIATE

Govt Degree Collage

06/2013 - 06/2015

Chaman

LANGUAGES

English
Professional Working Proficiency

Urdu
Native or Bilingual Proficiency

SKILLS

Javascript Typescript Node js Vue js
Docker Nest js PostgreSQL Express
EJS Vuex React js AWS GCP Git
Redis RabbitMQ gRPC

PROJECTS

HeronOS (ChatBot) (04/2021 - Present)

- Worked as a software engineer on the HeronOS chatbot system for insurance companies. HeronOS is built on JavaScript, Dialogflow, Node.js, and Vue.js. I implemented the speech-to-text, translate, text-to-speech, avatar generation, and integration with WhatsApp, Facebook Messenger, and Telegram functionalities.
- Worked on the microservices architecture of the chatbot system. I developed a service for the Support-Platform, which provides a central location for users to get help with the chatbot. I also developed a service to connect to Microsoft Outlook email and automate replies using the Microsoft Graph API.
- Developed an API gateway service to authenticate users and route requests to the appropriate microservices.
- Created a web widget that can be embedded in any application to provide customers with a chatbot experience. The web widget is powered by a microservices architecture and can be customized to meet the specific needs of any business.

AchieveOn (07/2020 - 11/2021)

- Worked on the backend system to develop APIs for authentication, user CRUD operations, and push notification integration
- Integrated the Stripe payment gateway into the application, which allows users to make secure payments with their credit cards

SmartMentor (12/2021 - 03/2022)

- Developed APIs for authentication, student details, skills, and mentor-mentee management for the SmartMentor app.

ACHIEVEMENTS

- Took first place in the Speed Programming and Database Programming competition at Ecompetincia in 2019.