



Noor Nabi

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Profile

Experienced Software Engineer with a background in Computer Science and a strong skill set in JavaScript, TypeScript, Node.js, Angular, React, Python, AWS Lambdas, CloudFront, IAM, and CloudFormation. Director of Finance volunteer experience exhibits leadership and financial acumen. Looking for a role as a Backend Developer focusing on Node.js to further lead to innovative projects.

Experience

02/2024 – present
Karachi, Pakistan

NodeJs Developer **WeUno Technologies**

- Built up and maintained backend applications using NodeJs, utilizing efficient algorithms and data structures to handle large volumes of data.
- Got together with cross-functional teams to plan and build scalable and reliable RESTful APIs for seamless integration with various front-end frameworks.
- Optimized application performance by conducting thorough testing, debugging, and refactoring of code to ensure smooth operation and enhance user experience.
- Followed through security measures such as encryption and authentication protocols to protect sensitive data and prevent security breaches.

05/2022 – 09/2023
Lahore, Pakistan

Software Engineer **Icommunix, Pvt. Ltd**

- Spearheaded the development of the OMNI Dashboard platform, facilitating the creation of custom-made dashboards with a wide range of templates, widgets, and data sources
- Collaborated within a 5-member team, contributing expertise in both frontend and backend technologies
- Leveraged Amazon Connect and various AWS services to heighten the product's evolution and streamline the development process.

06/2020 – 05/2022
Karachi, Pakistan

Jr. Software Engineer **PHPLift**

- Spearheaded the pre-testing phase of software development by meticulously evaluating proposals to identify and address potential issues
- Modified and enhanced existing software and applications for web development projects, adhering to strict timeframes and quality standards
- Took backend functionality for websites, designing prototypes for apps and websites
- Enforced a management system to streamline data entry and automate business processes, customized to meet clients' specific needs

Academic Brief

09/2018 – 04/2022
Mianwali, Pakistan

Computer Science | Bachelor of Science **Namal Institute Mianwali**

- Completed major courses in Object-Oriented Programming, Data Structures, Artificial Intelligence, Computer Networks, Theory of Automata, Software Engineering, Operating Systems, Database Systems, Digital Logic Design, Android Application Development, Machine Learning, Computer Vision, Information Retrieval, Introduction to Human-Computer Interaction, and Internet

Academic Brief

of Things

- Used knowledge of computer science principles to contrive and evolve Android applications
- Applied machine learning algorithms to study and interpret data for problem-solving
- Demonstrated proficiency in information retrieval techniques for efficient data management
- Cooperated with peers to carry out computer vision algorithms for image processing tasks.

Key Projects

Alivia Health Suite

Implemented major charting functionality in the product and added features like, Case lifecycle, chatbots, plagiarism detectors etc. to the main application.

Alivia Help Feature

A MEAN stack app that renders the User Manuals to a web page and has an integrated chatbot to it which uses a node backend to interact with OpenAI. The feature helps users to seek help terms of application or any general healthcare related queries and serves as a one stop solution.

Omniengage

Amazon Connect-based CCP which is being used by some major companies including IBM and Digital Island, the implementation is based majorly on TypeScript and Angular using AWS. We have used AWS Lambda for the implementation of APIs and AWS EC2 to host our database

OMNI Dashboard

A dashboard management system to show historical and real-time agent statistics in a call center and can be to represent data using multiple widgets available and multiple types of data sources. The integration is also done using Amazon Connect and this product can also work as an extension to Omniengage. I was the only Developer bringing on this and was able to Put through a complete release which is now live for two of our customers.

CDR Classifier

This application was developed in collaboration with Federal Investigation Agency and used the call data records of suspects to analyze how they have been behaving, what was their active time and where have they been creating the calls as all these records are mapped on a Here Map interface and the plot provided an idea of where the suspect could be. This was the final year project of our group and was deployed for use of FIA.

Extracurricular Activities

Director Finance
Namal Klub for Arts & Media

Finance Manager
Namal Society for Social Impact

Executive Member
Student Work Experience Program

Head R&D
Namal Open Source Society



Technical Proficiencies

- PROGRAMMING LANGUAGES

JavaScript

TypeScript

NodeJS

Angular

React

Python

- CLOUD SERVICES

AWS Lambdas

CloudFront

IAM

CloudFormation

Cognito

SQS

Amazon Connect

Kinesis Streams

ECS

EC2

- OPERATING SYSTEMS

Windows

Ubuntu

- WEB FRAMEWORKS

Express

Serverless Architecture

- DATABASE

MySQL

PostgreSQL

DynamoDB

MongoDB

Firebase