



Hamza Saeed

Software Developer / NodeJs Developer at SwipBox

Creative Developer with three year background in building and implementing NodeJS applications. Excellent problem-solving skills with keen eye for detail. Outstanding knowledge of coding languages.

Contact Info

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Strengths & Skills

- ✓ Aws lambda
 - ✓ JavaScript
 - ✓ Mysql
 - ✓ PostgreSQL
- ✓ AWS Sdk
 - ✓ Mongo DB
 - ✓ Node
 - ✓ Sequelize ORM
- ✓ ExpressJs
 - ✓ Mongoose
 - ✓ Node Streams
 - ✓ Web Sockets

Academics

Title	Institute	Score	Date
Bachelor of Science: Software Engineering	PMAS Arid Agriculture University Rawalpindi, Rawalpindi	3.2 CGPA	2022
Intermediate	Peradise College Hangu, Hangu	84%	2018

Experience 2 years

Company	Designation	Duration	
Discretelogix	Software Engineer / Software Developer	May 2023 - Present	3 months
SwipBox	Backend Developer	Jun 2022 - Apr 2023	10 months
Codemaze	Web Developer	Jul 2021 - May 2022	10 months

Work History

Discretelogix	May 2023 - Present (3 months)
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Software Engineer / Software Developer	Islamabad, Pakistan
<ul style="list-style-type: none">• Worked as a Software Engineer at Discretelogix, contributing to the development and maintenance of software solutions.• Collaborated with cross-functional teams to deliver high-quality software products, ensuring adherence to project timelines and client requirements.• Developed RESTful APIs using Express.js, facilitating seamless communication between frontend and backend systems.• Utilized Sequelize ORM and PostgreSQL to design and manage the relational database, ensuring efficient data storage and retrieval for the applications.• Implemented robust backend functionalities, including user authentication, data validation, and business logic implementation, to support the overall functionality of the software.• Participated in code reviews, debugging, and performance optimization to maintain code quality and enhance application performance.• Engaged in agile development methodologies, participating in daily stand-ups, sprint planning, and retrospectives to ensure efficient project execution.	

SwipBox	Jun 2022 - Apr 2023 (10 months)
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Backend Developer	Islamabad, Pakistan
<ol style="list-style-type: none">1. Developed and maintained backend services using Node.js for Swipbox's suite of applications, including the Courier App, End User App, and Maintenance App.2. Implemented serverless architecture using the Serverless Framework, leveraging AWS Lambda functions for scalable and cost-effective solutions.3. Integrated various AWS services such as SNS (Simple Notification Service), SES (Simple Email Service), and Cognito for robust messaging, email notifications, and user authentication.4. Collaborated with cross-functional teams to design and develop APIs, ensuring smooth communication between frontend and backend systems.5. Worked on the development of the parcel locker system, enabling end users to conveniently pick up and send parcels while providing features such as parcel notifications and history tracking.6. Contributed to the design and implementation of compartment booking functionality, allowing couriers to reserve compartments for failed	

home deliveries and manage compartment sizes.

- Utilized AWS services like Mysql for data storage and retrieval, ensuring efficient and scalable data management for the applications.
- Actively participated in code reviews, debugging, and performance optimization to deliver high-quality and efficient code.
- Collaborated closely with product managers and stakeholders to gather requirements, understand business needs, and propose technical solutions.
- Assisted in the installation and uninstallation of parcel lockers, working with the Maintenance App to ensure smooth operations and minimize downtime.

Codemaze

Jul 2021 - May 2022 (10 months)

Web Developer

Rawalpindi, Pakistan

- New applications , Designed and developed custom Mongo DB application specific to client needs.
- Deliver quality code by applying the best development practices.
- Revised, modularized and updated old code bases to modern development standards, reducing operating costs and improving functionality.
- Tested programs and databases to identify issues and make necessary modifications.

Projects

Courier app

Apr 2022 - Apr 2023 (1 year)

Company: SwipBox

<https://play.google.com/store/apps/details?id=com.swipbox.infinity.courier.app&pli=1>

Tools: Visual Studio Code

- Project: Courier App
 - Developed RESTful APIs using Node.js and Express.js to facilitate parcel delivery and pickup functionality for couriers.
 - Implemented secure authentication and authorization mechanisms using AWS Cognito to ensure secure access to the app.
 - Integrated AWS SNS to send real-time parcel notifications to couriers, keeping them informed about new assignments and updates.
 - Collaborated with the frontend team to define API contracts and ensure seamless integration between frontend and backend systems.

End User App

Apr 2022 - Apr 2023 (1 year)

Company: SwipBox

<https://play.google.com/store/apps/details?id=se.bring.swipbox.consigneeapp&hl=en&gl=US>

Tools: Visual Studio Code

- End User App
 - Designed and implemented backend services using Node.js to support parcel pickup and sending features for end users.
 - Utilized AWS Lambda functions to handle business logic, enabling scalability and cost-effectiveness.
 - Integrated AWS SES to send automated email notifications to end users, providing updates on parcel status and pickup instructions.
 - Implemented parcel history tracking functionality, allowing users to view their past transactions and interactions with the parcel locker system.
 - Collaborated with the frontend team to ensure a smooth and intuitive user experience through efficient API design.

CMS

Jul 2021 - Apr 2022 (9 months)

Company: Codemaze

Tools: Visual Studio Code

University based project in which includes three modules.

- Final year project automation (choosing group of student ,slect supervisor,coordinator ,Evaluvator and at the Result will generate)
- Automatic Certificate ,Letter ,Application Generation for Admin.
- Research And Development Platform (Student ask question and realavent teacher can answer like Quara)