

Muhammad Arham Khan

Senior Software Engineer

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Experienced Senior Software Engineer with **4 years** of experience in building scalable web applications, AI-driven solutions, and backend systems. Skilled in **Python, Node.js, Lang Chain, Neo4j, AWS services, and micro services architecture**. Expert in developing RESTful APIs, server less applications, and intelligent agents leveraging OpenAI and knowledge graphs. Proven ability to deliver high-performance, production-ready systems tailored to business needs.

SKILLS & TECHNOLOGIES

Language and Frameworks: Python, Node.js, Express.js, JavaScript, Flask

AI and NLP: OpenAI, LangChain, Neo4j

Databases: MongoDB, PostgreSQL, MySQL

Cloud & Server less: AWS Lambda, S3, OpenSearch

DevOps and Monitoring: Zabbix

APIs & Integrations: RESTful APIs, Twilio, Stripe, PayPal, Shopify, Zendesk

Other Tools: React, Redux, antd, Postman, Git

WORK EXPERIENCE

Fascom Limited

(Jan 2024 – Present)

Software Engineer

- Developed AI-powered agents using OpenAI, Lang Chain, and Neo4j.
- Built recommendation engines and feed generators using Python.
- Proficient in developing backend solutions using Node.js and Express, leveraging asynchronous programming for efficient, non-blocking performance.
- Building RESTful APIs that are well-structured, secure, and easy to consume, ensuring seamless integration with front-end systems.
- Integrated AWS services including Lambda, S3, and OpenSearch.
- Skilled in utilizing AWS Lambda functions for server less computing, optimizing backend processes for scalability.
- Designed and deployed secure RESTful APIs and micro services using MongoDB.
- Extensive experience integrating with third-party services including Twilio, PayPal, Stripe, Shopify enhancing application functionality and user experience.
- Leading API benchmarking initiatives to ensure optimal performance and scalability, implementing optimization strategies for improved efficiency.

Sky Soft Tech

(April 2023 - Jan 2024) (10 mos.)

Production Manager

- Leveraged Node.js and Express.js for efficient backend development.
- Led backend API development.
- Created multiple functions on database PostgreSQL.
- Managed project teams and mentored junior developers.
- Integrated payment gateways (Clover, Fortis Pay, PayPal, and Stripe).
- Developed APIs for CRM.
- Enhanced production processes and web features.
- Managed teams and monitored production progress.

Backend Engineer

(July 2021 – April 2023) (1 years 10 Mon)

DDevOps (Dedicated DevOps) LLP

- Developed backend systems and REST APIs using Node.js.
- Created multiple functions on database PostgreSQL.
- Designed micro services architecture.
- Integrated third-party APIs (Zendesk, Zabbix, Send grid).
- Improved CMS processes and launched e-commerce stores.

Backend Developer

(Nov 2020 – July 2021) (9 Mon)

voyegartech

- Built full-stack applications using React, Redux, and MongoDB.
- Led UI/UX design initiatives and performance optimization.
- Launched multiple WordPress websites.
- Installed and customized themes and plugins in WordPress to enhance website functionality
- Increased web traffic and engagement by 30% through optimization.

EDUCATION

BACHELORS OF COMPUTER SCIENCE

Sindh Institute of Management and Technology | Karachi

2019 - 2023