

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	
<ul style="list-style-type: none">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	
<ul style="list-style-type: none">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	
<ul style="list-style-type: none">Developed backend systems and REST APIs using NodeJs.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	
<ul style="list-style-type: none">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 functionalityIncreased web traffic and engagement by 30% through optimization.	

EDUCATION

BACHELORS OF COMPUTER SCIENCE

Sindh Institute of Management and Technology | Karachi
2019 - 2023