

Saleel Ahsan

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Skills

- Python | Flask | FastAPI | PostgreSQL | MongoDB | Redis | MySQL | API Development | Pandas | NumPy
- AWS Lambda | AWS S3 | AWS API Gateway | GCP Speech-to-Text
- Azure OpenAI | Azure Translator Services | Azure Speech Services | Azure storage Containers
- Angular | HTML | CSS | JavaScript | Typescript
- Git | JSON | OAuth | JWT | Agile | Jira Board

Experience

Senior Software Engineer

Moody's Analytics (Contract through Randstad)

Sep 2025 – Present

Bengaluru, Karnataka

- Developed an integration application serving as a communication layer between the Maxsight platform and external data providers. Implemented bidirectional data transformation: converting Maxsight API requests into provider-specific formats, and transforming provider responses into Maxsight's standardized format to ensure seamless data exchange and platform compatibility.

Key Skills: Python, FastAPI.

Senior Software Engineer

Deloitte (Contract through Quess Corp)

Feb 2025 – Apr 2025

Bengaluru, Karnataka

- Worked with Microsoft to implement Healthcare Data Solutions using Microsoft Fabric, enabling healthcare organizations to unify unstructured and siloed data such as clinical, imaging, claims, and social determinants of health into a centralized analytics platform for improved decision-making and regulatory compliance.
- Enhanced the employee performance review process by building an AI-powered app, leading to data-driven decisions regarding compensation for over 5,000 employees.

Key Skills: Python, PySpark, Microsoft Fabric, Notebook, Lakehouse, Data pipelines, Flask, PostgreSQL, AWS Lambda, AWS S3, AWS API Gateway.

Senior Software Engineer

Knowledge Lens: A Rockwell Automation Company

Oct 2022 – Feb 2025

Bengaluru, Karnataka

- Delivered a 100% increase in patient capture rates for a major pharmaceutical company through an AI-powered solution, achieving 10% higher accuracy in patient identification.
- Built RESTful APIs using Python (FastAPI), MongoDB and Redis for a logbook application.
- Improved code quality by 30% through rigorous code reviews and mentorship, resulting in a 20% decrease in bug occurrences.
- Implemented Agile methodologies and tools like Jira for project management and team collaboration.

Key Skills: Python, FastAPI, Flask, PostgreSQL (SQL), MongoDB (NoSQL), Redis, Azure Services, Pandas, Numpy, Agile, Jira Board.

Full Stack Developer

Knowledge Lens: A Rockwell Automation Company

Jun 2021 – Sep 2022

Bengaluru, Karnataka

- Developed a comprehensive pharmaceutical sales and marketing interactions app using Flask and Angular, tracking interactions between over 40,000 reps and 400,000 prescribers.
- Implemented AWS Lambda for backend APIs, achieving a 30% cost reduction and improved scalability.
- Optimized PostgreSQL indexing, resulting in a 50% reduction in API response times.

Key Skills: Python, Flask, PostgreSQL, Aws Services, OAuth, JWT, Angular, HTML, CSS, JavaScript, Typescript.

- Developed a centralized monitoring application for pollution control boards, improving daily support ticket closure by 30% through faster error detection.
- Refactored a legacy Python 2 application, reducing execution time by 25% and enhancing maintainability for new team members.
- Engineered and implemented optimized database queries that reduced data retrieval time by 35%, resulting in improved application performance and increased user satisfaction ratings by 25% in customer feedback.

Key Skills: Python, Flask, PostgreSQL, JSON, Aws Services, Angular, HTML, CSS, JavaScript, Typescript, Git, GitLab.

Education

University of Kerala
Master of Computer Applications

Thiruvananthapuram, Kerala
Oct 2015 - Sep 2018

University of Calicut
Bachelor of Computer Applications

Malappuram, Kerala
Jun 2012 - May 2015

Awards

- **Extra Mile Award (2023):** Recognized for outstanding dedication and exceptional performance in backend development projects, demonstrating a commitment to delivering high-quality, scalable code that meets business needs.
- **Extra Mile Award (2022):** Honored for exceeding expectations in team collaboration and resolving complex challenges.
- **Customer First Award (2021):** Honored for prioritizing customer needs and delivering high-quality solutions, resulting in improved client satisfaction and retention