Saleel Ahsan

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Skills

- Python | Flask | FastAPI | PostgreSQL | MongoDB | Redis | MySQL | API Development | Pandas | NumPy | Microsoft Power BI
- 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   **Feb 2025 – Apr 2025**
Deloitte (Contract through Quess Corp)   Bengaluru, Karnataka

- 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 Responsibilities:**
  - Designed and developed robust RESTful APIs using Flask to support the business logic of web applications.
  - Collaborated with the Data Science team to align API payloads and responses, ensuring accurate integration with their modules.
  - Created and optimized SQL queries to support high-performance data retrieval and manipulation.

  Key Skills: Python, Flask, PostgreSQL, AWS Lambda, AWS S3, AWS API Gateway.

Senior Software Engineer   **Oct 2022 – Feb 2025**
Knowledge Lens: A Rockwell Automation Company   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 Responsibilities:**
  - Developed backend APIs using Flask/Fast API, ensuring seamless integration with UI and Data Science teams.
  - Created database schemas and optimized SQL queries for efficient data handling and storage.
  - Worked closely with the UI team to integrate APIs into the frontend, ensuring a smooth and consistent user experience.
  - Collaborated with DevOps teams to streamline the deployment pipeline, ensuring efficient and reliable application deployment.
  - Led scrum meetings, gathering team updates and identifying roadblocks to keep projects on track.

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

Full Stack Developer   **Jun 2021 – Sep 2022**
Knowledge Lens: A Rockwell Automation Company   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 Responsibilities:**
  - Built dynamic web applications using Angular, delivering high-performance user interfaces.
  - Designed and implemented backend RESTful APIs with Flask and AWS Lambda for seamless data exchange and processing.
  - Collaborated with DevOps teams to ensure the efficient deployment of applications in cloud environments.

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

Software Engineer   **Oct 2018 – May 2021**
Knowledge Lens: A Rockwell Automation Company   Bengaluru, Karnataka

- 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 Responsibilities:**
  - Designed and implemented RESTful APIs with Flask and built front-end with Angular..

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

Education

University of Kerala   Thiruvananthapuram, Kerala
Master of Computer Applications   Oct 2015 - Sep 2018

University of Calicut   Malappuram, Kerala
Bachelor of Computer Applications   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.