Anish John Moothedam

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Technical Skills

- **Programming Languages:** C, C++, Java, Python, JavaScript, TypeScript, PHP, Bash
- **Databases:** MySQL, MongoDB, PostgreSQL
- **Web & App Development:** HTML, CSS, React, Node.js, Express.js, Django, Flask
- **DevOps & Tools:** GitHub, Docker, Selenium, Figma, Miro, VSCode
- **Data Analytics & Visualization:** MS Excel, Tableau, Power BI
- **Project Management:** Jira, ServiceNow, Slack

Education

Master of Applied Computing   Jan 2024 - Apr 2025
University of Windsor • Windsor, Ontario, Canada
- CGPA: 83.6%

Bachelor of Technology in Computer Science Engineering   Jul 2016 - Aug 2020
Karunya University • Coimbatore, Tamil Nadu, India
- CGPA: 82%

Work Experience

Software Developer Intern   Jan 2025 - Present
Semper8 International Ltd. • Toronto, Ontario, Canada
- **Tools Used: TypeScript, NestJS, MongoDB, WebRTC, AWS.**
- Designing and developing scalable backend systems, optimizing API development, and architecting real-time communication solutions.
- Implementing WebRTC and peer-to-peer technologies for real-time interactions.

Application Development Analyst   Jan 2021 - Aug 2023
Accenture • Kolkata, West Bengal, India
- Managed system monitoring, reporting, and security administration for 100+ SAP systems, ensuring optimal performance, reliability, and secure user access control.
- Automated workflows using SAP GUI scripting, reducing manual effort by 45% and increasing operational efficiency.
- Handled user migration for 100+ ERP systems, ensuring smooth transitions and compliance with security requirements.
- Performed unit testing, troubleshooting, and data analysis on SAP systems, resolving 95% of issues within 24 hours using HP ALM, ServiceNow, and MS Excel.
- Collaborated with auditors to ensure Segregation of Duties (SOD) compliance, leading a team of 2, assigning tasks, and delivering updates in daily meetings.

Key Projects

Idea Submission Platform   Sep 2024 - Dec 2024
Rocket Innovation Studio • Windsor, Ontario
- **Tools Used: React, Node.js, Express, PostgreSQL, Python, BART, NLP, Figma, Docker.**
- Developed a collaborative platform for a 500-employee company to submit, categorize, and manage ideas, integrating secure login with Node.js and React.
- Designed an idea submission page with search, deletion, and tagging powered by BART NLP models, along with an approvals and drafts system using PostgreSQL.
- Containerized the application using Docker and implemented microservices for scalability.
- **GitHub Link:** https://github.com/anishjm1998/mind-palace

Academic Projects

Surplus Resources Donation Platform   Sep 2024 - Dec 2024
University of Windsor • Windsor, Ontario
- **Tools Used: Django, React, PostgreSQL, Docker, Tailwind CSS, Google Maps API**.
- Developed a donation platform with Django and React to manage surplus goods enabling over 50 NGOs to browse and reserve items, improving donation efficiency and reach.
- Implemented geolocation functionality with PostGIS to filter donation listings and used Google Maps API to visualize them within a 25-mile radius of Windsor.
- Used Docker to containerize the application and configured Nginx as a reverse proxy for load balancing, optimizing scalability.
- **GitHub Link:** https://github.com/anishjm1998/samaritan-connect

Predictive Analysis of Employee Attrition   Jun 2024 - Aug 2024
University of Windsor • Windsor, Ontario
- **Tools Used: Python, Jupyter Notebook, Tableau, PowerBI**.
- Built a stacking ensemble model in Python using Random Forest, Logistic Regression, XGBoost, and Decision Tree, achieving 97% accuracy in predicting employee turnover.
- Applied data pre-processing techniques in Python, including data cleaning, normalization, and outlier detection on 10,000+ data points, to ensure accurate predictions and results.
- Incorporated 10 key performance indicators (KPIs) like job satisfaction and compensation effectiveness to develop retention strategies and deliver meaningful research results.
- Developed 3 interactive dashboards in Tableau and PowerBI, including a KPI dashboard, to present insights and support HR teams in making informed decisions.
- **GitHub Link:** https://github.com/anishjm1998/EmployeeAttritionPrediction

Certifications

Career Essentials in GitHub Professional Certificate • GitHub   Apr 2024
- **Skills: GitHub, Version Control**.

Agile Project Management Professional Certificate • Atlassian   Mar 2024
- **Skills: Agile Software Development, Scrum, SDLC, Project Management, Jira**.