

CONTACT

 Hawthorn, 3122
 0420413266

Hasibalamsadat2001@gmail.com

Relevant Course work

Object oriented programming
Data science fundamentals
Big data architecture
Software Architecture
Software Deployment
Professional Internship
Capstone project
Computer systems
Network and Switching
Computing Technology Project
Cloud Computing Architecture
Technology Innovation Project
Foundation of Statistics
Cybersecurity for Business
Essential Mathematics
Linear Algebra
Calculus

Certifications

CS50 by Harvard
CS50p by Harvard
IBM Data Analyst(ongoing)

HASIB ALAM

Summary

Highly motivated along with recent experience of working in a team, looking to secure an exhilarating role. Capable of grasping new concepts and adapting to situations swiftly, in addition to emphasise on communication and providing high-quality output.

Skills

Programming skills:

- Proficient in Python, C#, PHP, MySQL along with HTML, CSS, React and JavaScript.
- Experience in Full-stack development and OOP
- Strong expertise in cloud platforms like AWS and Azure
- Adept using Docker for containerization, Git for version control and CI/CD pipelines using Azure and Git to automate.

Data science skills:

- Data analytical skills using tools such as Python, Excel, KNIME and R along with statistical knowledge to draw conclusions or predict trends.
- Moreover, knowledge of statistics along with data cleaning and fundamentals of Data science makes me adept in analysis data.
- Hands-on experience with Hadoop ecosystem, including HDFS and MapReduce along being adept at working with databases including MySQL, DynamoDB, and RDS.

DevOps and Cloud skills

- Strong understanding of DevOps principles, proficient in AWS EC2, Lambda, VPC, S3, and CloudFormation for automating infrastructure.
- Extensive experience with Azure services such as Azure Virtual Machines, Azure DevOps and Azure Pipelines continuous integration and deployment.
- Experience with Continuous Deployment tools and concepts, including CloudWatch, Elastic Load Balancing, auto-scaling, and Azure Monitor for performance tracking.

Projects

DevOps CI/CD Pipeline Using GitHub, Azure, and Docker

Implemented a continuous integration and deployment pipeline using GitHub for version control, Azure for cloud hosting and monitoring, and Docker for containerization. Automated the build and deployment process using GitHub Actions and deployed the application on Azure App Service. Used Azure Monitor and Application Insights for real-time performance monitoring and scaling.

Restaurant Information System

Designed and developed a full-stack restaurant management system using React for the frontend and MySQL for the backend. The system streamlined operations such as reservation management, order processing, and real-time kitchen communication, ensuring seamless interaction between front-of-house staff and the kitchen. Implemented automated invoicing and secure payment processing supporting cash and card transactions. Additionally, the system provided data analytics features to generate sales reports and track customer behaviour, helping optimize restaurant operations. (<https://relaxingkoala.vercel.app/>)

Smart Auditing Platform

A full stack website using react for the front end and MySQL as relational database with python for FAST API and Regex for data extraction. Slither analyser is used to process and analyse vulnerabilities of smart contracts which is then displayed along with recommendation for each unique vulnerability.

Event Based AWS Website

Building an event-driven fully scalable website for a small photo shop using AWS infrastructure and PHP. Using AWS lambda along with other tools to make a responsive scalable simple website and PHP for the backend.

Industry Project Swinburne 2023 DEC (Winner)

Develop a business venture for the Youth Projects enterprise which is a social enterprise in Australia. After extensive research, a detailed two-year plan for a online learning customizable platform with AI consult bot and training centre. Secured the first place for the idea and extensive revenue structure.

Experiences

Data Analyst and Web Developer Intern, Gaura Travels

February 2024 – June 2024

- Web Development & Software Engineering: Hands-on experience in HTML, CSS, JavaScript, contributing to the design and deployment of web-based solutions.
- Data Analysis & Visualization: Proficient in Python, SQL, and Tableau for analysing and visualizing data, facilitating informed decision-making.
- Database Management & ETL Processes: Skilled in database management, optimizing schema, and establishing ETL processes for data integrity.
- Cross-Functional Collaboration: Effective communicator, translating business requirements into technical solutions, fostering collaboration.
- Technical Problem-Solving: Strong analytical skills, adept at troubleshooting technical issues, and implementing solutions for project success.

Data Analyst Casual, Global Travel Xperts

March 2024 – May 2024

- Global Travel Xperts is a sister company to Gaura Travels and during my internship, GTX hired me as a Data Analyst and Web developer.
- I did the same tasks as I did in Gaura travel. SQL queries, PHP for managing database along with maintain website and analysis the data using tools.

Sales Assistant, The Shaver Shop

August 2022 - present

- Customer Service and Relationship Management: Skilled in providing excellent customer service, emphasizing loyalty and strong connections by learning and meeting customers' requirements.
- Sales Proficiency and Product Knowledge: Able to increase customer satisfaction and store income by using extensive product knowledge to drive sales and effectively communicate features and advantages.
- Cooperation and Communication within the Team: Excellent communicator who contributes positively to team goals and a cooperative work environment.

Achievements

- Awarded 75% Excellence scholarship from Swinburne which is effective even now.
- Winner of the Swinburne Industry spirit -December 2023
- Received letter of Commendation from the Vice Chancellor for my grades.
- I have an average of distinction mark in my current course along with all Higher Distinction in my mathematics units (5)
- Scored 8 A* in my O levels under CAIE and 4 A* in my A levels under CAIE.

Education

Swinburne University

Bachelor of Computer Science majoring in Data science and minor in Applied mathematics

Expected to graduate on May 2025.