MIT | Academy of Engineering
(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

EAMIN JAWED KHAN
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BRIEF SUMMARY

Highly motivated and enthusiastic fresher and possess a good foundation in cloud computing principles, virtualization, infrastructure management, and C++. Eager to leverage technical expertise and problem-solving skills to contribute effectively to real-world projects. Flexible team player with good interpersonal skills to collaborate effectively with cross-functional teams. Committed to continuous learning and professional development in the ever-evolving field of technology.

KEY EXPERTISE

C++   AWS   Cloud Computing   CI / CD   CDN   GitHub   EC2   Communication   Identity and Access Management   Terraform   Boto3   HTML   CSS   Bootstrap   DevOps   Cloud Security   Python   Shell Scripting   Kafka Concepts   Git   Linux

EDUCATION

MIT Academy of Engineering, Pune   2021 - 2025
B.Tech. - Computer Science and Engineering | CGPA: **8.86 / 10**

Blossom Public School   2021
12th | CBSE | Percentage: **92 / 100**

Podar International School   2019
10th | CBSE | Percentage: **95.60 / 100**

INTERNSHIPS

Innoplexus Consulting Services Pvt. Ltd   09 Sep, 2024 - Present
Frontend Developer

Key Skills: HTML5   Ant Design   SCSS/SASS   CSS   Javascript   Redux   ReactJS   Next JS   GitLab

• NextJS Website migration: Migrated a WordPress website to the Next.js framework, used SASS/SCSS for styling. Implemented a division of components into client-side and server-side, effectively optimizing performance and user experience. Integrated Google Analytics to provide valuable tracking data and actionable insights. Participated in daily scrum meetings with scrum master to track progress and address challenges.
• NextJS Frontend Development with Flask Backend: Developed frontend of a website utilizing Next.js and integrated with Flask backend. Participated in daily scrum meetings with scrum master to track progress and address challenges.
• Data Consent Management Portal: Designed and implemented a proof-of-concept website frontend using React.js. Integrated APIs to enable secure and efficient data handling. Participated in daily scrum meetings with scrum master and team members to track progress and address challenges.
• Access management portal: Currently developing the frontend for a live project using React.js. Engaged in daily client meetings to provide progress updates, discuss blockers, and gather feedback to ensure alignment with project goals.

Tech Mahindra   03 Jun, 2024 - 03 Aug, 2024
Data and AI Intern
Was involved in a live project at company focusing on data and artificial intelligence (AI) technologies.
Learned various new technologies such as Langchain, Streamlit, natural language processing (NLP), and Python.

PROJECTS

Cloud Based Secure Banking Application

Mentor: Ms. Shubhangi P Kale | **Team Size:** 4

Key Skills:

Code Commit | Code Build | Code Deploy | Code Pipeline | CI / CD | Cloud Front | Cloud Formation | Web Development

IAM | VPC | Subnets

Project Link: https://github.com/UnicornBank-MajorProject/UnicornBank.git

Designed and launched a cloud-based banking application. The application uses cloud services such as Amazon RDS, CloudFront, S3, CloudFormation, Auto Scaling, Application Load Balancer, CodeDeploy, CodeBuild, CodePipeline, and CodeCommit. Using CloudFormation to automate infrastructure provisioning & integration with CodeDeploy, CodeBuild, CodePipeline, and CodeCommit streamlines the deployment process, enabling continuous integration and delivery (CI/CD). Furthermore, application security is enhanced employing encryption protocols, multi-factor authentication, access control and continuous monitoring mechanisms.

Cloud Based Super Car E-Commerce Website

Mentor: Amar More | **Team Size:** 4

Key Skills:

CI / CD | Code Build | Code Deploy | Code Pipeline | Code Commit | Cloud Front | Cloud Formation | S3

Application Load Balancer | Autoscaling

Project Link: https://github.com/Eamin05/CloudProject.git

Launched a website on the cloud infrastructure utilizing cloud services including CloudFront, S3, CloudFormation, Auto Scaling, Application Load Balancer, CodeDeploy, CodeBuild, CodePipeline, and CodeCommit. Leveraging CloudFront for content delivery network (CDN) acceleration and S3 for storage to achieve higher performance and reliability. Using CloudFormation to automate infrastructure provisioning. Integration with CodeDeploy, CodeBuild, CodePipeline, and CodeCommit streamlines the deployment process, enabling continuous integration and delivery (CI/CD) for rapid and reliable updates to the website.

Street Light using Rotating Solar Panel

Mentor: Dr. Pramod D. Ganjewar | **Team Size:** 4

Key Skills: Circuit Design | Programming (Arduino)

Developed a street light system utilizing Arduino, a solar panel, servo motor, and Light Dependent Resistors (LDR).
The system autonomously adjusts the solar panel's orientation based on sunlight intensity detected by the LDR, optimizing energy capture for powering the street lights. Arduino microcontroller facilitates the control logic, ensuring precise servo motor rotation in response to ambient light conditions.

Butterfly Specimen Portal

Mentor: Ms.Farhana Shaikh

Key Skills: Python | NumPy | Matplotlib | Pandas | Termcolor

Developed a Python program simulating web functionality using NumPy, Matplotlib, Pandas, and Termcolor libraries. Project includes a login page for user authentication, a purchasing simulating interface for butterfly specimens with CSV data storage, and displays on butterfly species and population trends.

ASSESSMENTS / CERTIFICATIONS

Responsive Web Design using HTML & CSS

Key Skills: HTML | CSS | Responsive Web Design

AWS Cloud Foundations

Key Skills:

Cloud Computing Foundation | AWS | Networking and Content Delivery | Compute, Storage, Databases | Cloud Architecture

Autoscaling and Load Balancing

AWS Cloud Architecting

Key Skills: AWS | Data Cashing | Adding Storage Layer, Compute Layer and Database Layer | Access Control

AWS Data Engineering

Key Skills:

Design Principles and Patterns for Data Pipelines   Securing and Scaling the Data Pipeline   Ingesting and Preparing Data

Analyzing and Visualizing Data

Red Hat System Administration I (RH124)

Key Skills: Installation   Establishing network connectivity   Managing physical storage   Basic security administration

EXTRA CURRICULAR ACTIVITIES

- Member of Entrepreneurship Cell MITAOE in design team
- Member of IIC (Institute Innovation Council)

PERSONAL INTERESTS / HOBBIES

- Reading Books
- Travelling
- Designing

WEB LINKS

- Github - https://github.com/Eamin05

PERSONAL DETAILS

Gender: Female
Marital Status: Single

Date of Birth: 05 May, 2003
Known Languages: Hindi, English
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