

AMEEN SHAIK

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EDUCATION

Hindu College of Engineering and Technology

B.Tech , CSE CGPA :8.2

Guntur, Andhra Pradesh

Nov 2021 – July 2025

Sri Mahaveer Memorial Junior College

Intermediate [MPC] Marks 770/1000

Guntur, Andhra Pradesh

June 2019 – May 2021

Government Boys High School

10th CGPA : 7.8

Guntur, Andhra Pradesh

August. 2016 – May 2017

TECHNICAL SKILLS

Languages:Python, Java, C/C++, SQL , JavaScript, HTML/CSS, DSA using C++

Developer Tools: Github,Git, VS Code, Visual Studio, Eclipse,Postman,Apache Tomcat,mysql,Xampp/Amppps Server,MongoDB

Libraries/Frameworks: Pandas, NumPy, Linux,Flask,Django ,RestFramework

Soft Skills: Leadership, Team Building, Time Management, Adaptability, Communication, Creativity, Work ethics.

Extra Skills: MS-Office, ChatGpt(Prompting), Canva,Pixel lab,video editing ,photo editing.

EXPERIENCE AND INTERNSHIPS

Java Full Stack Development Internhip

JAVA Intern [45 Days]

June 2023 – July 2023

BrainOvision Solutions Pvt.Ltd. , AP

- Gained practical experience with HTML, CSS, Java, SQL, MySQL, Eclipse IDE, and Apache Tomcat server.
- Engineered data persistence solutions, enabling seamless data posting and retrieval from local servers.

PALS Student Leader

IIT Madras

Sep 2023 – 2024

Chennai, T.N

- Selected as a Student Leader by the PALS Champions Team.
- **Won the "PALS ANALYZE" Hackathon across India**, demonstrating strong analytical and problem-solving skills.

PALS Residential Workshop

IIT Madras[3 Days]

Dec 2023 – Dec 2023

Chennai, T.N

- Selected to engage in a workshop through screen tests.
- Acquired knowledge in Design Thinking and visited the Centre for Innovation.
- Accomplished a project as an integral part of the workshop activities.

PROJECTS

Content Recommendation System for OTT Platforms using Machine Learning

Jan 2025 – Apr 2025

- Developed an intelligent **Machine Learning**-driven movie recommendation system for OTT platforms, personalizing content delivery.
- Enforced a **hybrid recommendation engine** (collaborative & content-based filtering) to boost accuracy and resolve cold start/data sparsity issues.
- Leveraged **Python, Pandas, NumPy, and Scikit-learn** (TF-IDF, Cosine Similarity) for **data preprocessing, predictive modeling, and algorithm development**, significantly enhancing user engagement.

Standard to Smart Door (Workshop) | AutoCAD, Arduino IDE

Dec 2023

- Designed and implemented a prototype for an IoT-based smart door system.
- Awarded First Prize at the IITM (Madras) workshop for functionality and design.
- Utilized AutoCAD for design and Arduino IDE for programming smart features.

Eco Ride | Android Studio

Dec 2023 – Feb 2024

- Enhanced an application to reduce idle vehicles and carbon emissions from auto-rickshaws.
- Designed the application to suggest optimal pickup and drop points based on auto routes.
- Advanced the startup idea to the finals of PALS at IIT Madras, receiving praise from judges and investors.

IOT Smart Home Security <i>Tinker Cad, Arduino IDE, Python, OpenCV, TensorFlow/Keras</i>	Aug 2021
<ul style="list-style-type: none"> • Led a team (3Techie's) in developing an IoT-based smart home security system. • Improved AI-powered face detection (95% accuracy) using OpenCV and deep learning (TensorFlow/Keras). • Improved motion detection algorithms for intelligent appliance control based on human presence. • Created a system utilizing hand gestures for intuitive control of home appliances. 	

CERTIFICATIONS AND ACHIEVEMENTS

Oracle Database@AWS Certified Architect Professional	Oct 2025
Advanced expertise in designing and managing Oracle Database architecture on AWS, emphasizing multicloud integration and security. Oracle : Badge Certificate	
Oracle Fusion AI Agent Studio Certified Foundations Associate – Rel 1	Oct 2025
Validated skills in configuring and deploying AI agents for Oracle Fusion Applications. Oracle : Badge Certificate	
Oracle Cloud Infrastructure 2025 Certified Foundations Associate	Oct 2025 – Oct 2027
Demonstrated foundational knowledge of cloud concepts, core services, security, and cost management. Oracle : Badge Certificate	
TCS CodeVita Season 12 – Global Coding Competition	2024 – 2025
<i>Global Rank: 3234</i> Secured a global rank of 3234 among participants worldwide by showcasing exceptional coding skills. Certificate	
Java Full Stack Development Internship	June 2023 – July 2023
<i>BrainOvision Solutions Pvt. Ltd., AP</i>	<i>JAVA Intern [45 Days]</i>
GenAI Webinars Participation	Oct 2024 – Jan 2025
<i>IBM and PALS Organization, AP</i>	<i>Gained insights into LLMs, AI model deployment, and specific algorithms.</i>
Data Science Internship	May 2023 – June 2023
<i>BrainOvision Solutions Pvt. Ltd., AP</i>	<i>DATA SCIENCE Intern [45 Days]</i>
Internet of Things (IoT) Workshop	June 2023 – July 2023
<i>Make-Skilled, AP</i>	<i>Workshop [7 Days]</i>
Dakshan Bharath Hindi Prachar Sabha	June 2023 – July 2023
<i>DBHPS, Madras</i> Completed all Hindi exams (4 years). Upto Praveena Poorvardh and Uttarardh (Advanced level) 2018 with 182 marks (First Class).	

EXTRA CURRICULAR ACTIVITIES

Skyscanner Software Engineering Job Simulation on Forage	Feb 2025
Android Development, Backpack, Collaboration, Dropwizard, Figma, Java, JavaScript, Jira, Kotlin, Microservices, React	
<ul style="list-style-type: none"> • Completed a job simulation involving building a basic web application. • Developed a Dropwizard microservice for car rental and hotel search . • Created an Android application to display a user's flight itinerary using Backpack. 	
TATA Data Visualization: Empowering Business with Effective Insights on Forage	Jan 2025
Certificate of Completion. Gained hands-on experience in framing business scenarios, selecting appropriate visual representations, creating effective visuals, and clearly communicating insights for data-driven decision-making	