MOHAMMEDAAMIR A

AI Programmer

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PROFESSIONAL SUMMARY

AI Programmer & Full-Stack Developer with hands-on experience in building real-world applications using Python, Flutter, Firebase, and modern web technologies. Skilled in ML model development, cloud deployment, frontend engineering, and cybersecurity principles. Strong problem-solver with experience delivering client projects, dashboards, booking systems, and mobile apps. Passionate about AI, automation, and end-to-end software development.

PROFESSIONAL EXPERIENCE

07/2023 – 12/2024

Rooteche Educational Private Limited
Web Developer
- Built and deployed 3+ production-ready applications using HTML, CSS, JavaScript, PHP & Firebase.
- Developed authentication-based admin dashboards improving client workflow by 40%.
- Designed and deployed the official **Rooteche website**
- Built UI for responsive web pages, API integration, and database connectivity.
- Developed portfolio website (aamir-portfolio.web.app ↗) using modern web technologies.

ACADEMIC PROFILE

05/2024
Tiruchengode

B. Tech (IT)
K.S. Rangasamy College of Technology, Anna University
(7.56 CGPA, May 2024)

2020

Diploma (CSE)
Govt Polytechnic College, Uthangarai, Directorate of Technical Education
(73%, 2020)

2015

SSLC
Govt Boys Hr Sec School, Singarapettai, Tamil Nadu Board
(51.60%, 2015)

TECHNICAL SKILLS

💻 **Programming:** ● ● ● ● ●
Python, JavaScript, Dart, C++, PHP, SQL

🤖 **Machine Learning / AI:** ● ● ● ● ○
TensorFlow, CNN, Data Preprocessing, Model Evaluation

🌐 **Web Development:** ● ● ● ● ●
HTML, CSS, JavaScript, PHP, Firebase Hosting

📱 **Mobile Development:** ● ● ● ● ○
Flutter, Android, Firebase Authentication

☁ **Cloud & DevOps:** ● ● ● ○ ○
AWS, Git/GitHub, Linux

COMPLEMENTARY SKILLS

🛡️ **Cybersecurity**
Blue Teaming, IAM, Threat Analysis

💼 **Tools**
VS Code, Firebase Console, Postman

🖥️ **Software & Deployment**
WordPress, API Integration, Linux Administration

🔧 **Additional Skills**
Debugging, Optimization, Version Control

CERTIFICATIONS

AI PROGRAMMER
TN Skill Development Under Cultus

Forage Virtual Experience Programs
• Walmart, EA Sports, TCS Cybersecurity

Cybersecurity & Web Development
• Blue Teaming Internship, Web Dev Internship

AWS Certifications (7+)
Cloud Practitioner, Billing & Cost, Cloud Essentials, IAM, etc.

PROJECT

KSRCT Venue Booking – Firebase Web App
https://ksrcthallbooking.web.app
• Built login, request approval, admin dashboard
• Integrated Firebase Realtime DB + hosting
• Used by students & staff

KSRCT Student Leave Management – PHP + SQL
• Built full-stack leave approval workflow
• Added admin dashboard and secure authentication
• Integrated SQL database + validation

Admin Dashboard with Auth – Client Project
• Developed login + role-based access
• Built analytics dashboard with clean UI
• Integrated Java Server Pages

Advanced Skin Disease Diagnosis
Flutter App
Developed a predictive AI model using **Python, CNN, and TensorFlow** for image-based diagnosis.
Implemented **data preprocessing, feature extraction, and model evaluation** achieving X% accuracy.
Demonstrated **predictive analytics, experimentation, and reporting skills**.

INTERNSHIP

Cybersecurity Blue Teaming – Tutelr (2023–2024)
• Blue Team operations, threat analysis
• Completed security investigation tasks

Technook
Web Development – Technook (2022)
• Built weather app + historical places website
• Hands-on frontend & API integration