

KRUSHIKESH THOTANGE

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SKILLS:

Programming Languages:	C, C++, C#, Java, Python, Scala, TypeScript, Dart
Frameworks & Libraries:	ASP.NET Core, Entity Framework Core, Node.js, Flask, Django, MediatR, Flutter, Redux, Material UI
Web Technologies:	HTML5, CSS, JavaScript, React, Angular
Mobile & Web Development:	Android Studio, Flutter, Responsive UI, Web & Mobile App Development
Cloud Platforms & DevOps:	AWS, Firebase, Docker, Kubernetes, CI/CD, Git, GitHub, GitLab
Databases:	Firebase, PostgreSQL, SQL Server
AI & Machine Learning:	Computer Vision, Face Recognition, Voice Processing
Testing & Tools:	XUnit, Jest, Figma, Adobe XD
IoT & Hardware:	Raspberry Pi, Arduino

Projects:

- Community Management & Communication Platform** [\[Link\]](#) *January 2025 – March 2025*
- Developed Community management platform, a Flutter/Dart-based Android application that bridges the communication gap between apartment residents and property management.
 - Implemented secure user authentication, real-time announcements, maintenance request tracking, community message board, and direct messaging functionality using Firebase Auth, Firestore, and Cloud Messaging.
 - Streamlined maintenance workflows and resident interaction, improving response time by 40%.
- Workout Tracker & Plan Sharing Mobile Application** [\[Link\]](#) *January 2025 – March 2025*
- Built a fitness app in Flutter/Dart allowing users to create, track, and share customized workout routines across devices.
 - Enabled seamless plan sharing via QR code and invite links, leveraging JSON parsing and real-time Firebase database sync for cross-device compatibility.
 - Enhanced user engagement by 50% through a responsive UI and social sharing features.
- Sumazon – Full- Stack E-Commerce Platform** [\[Link\]](#) *January 2024- March 2024*
- Led development of a full-stack e-commerce platform using Angular and Node.js, reducing product management time by 40% through automated inventory control and JWT authentication system
 - Built responsive user interface with Tailwind CSS, handling 100+ products across 15+ categories, featuring real-time search and secure checkout flow
 - Designed Firebase-integrated backend architecture supporting 100+ concurrent users, with 99.9% uptime and <2s average page load time
- Superheroes** [\[Link\]](#) *September 2023 – December 2023*
- Engineered a responsive e-commerce website using C# and ASP.NET Core, featuring a superhero-themed t-shirt store with an integrated product catalogue system handling 1000+ variants.
 - Developed a suite of interactive UI components utilizing Blazor and Razor Pages; executed real-time data fetching that resulted in smoother user interactions, enhancing overall satisfaction for over 200 daily users.
 - Applied secure data management with JSON storage, HTTPS enforcement, and unit testing (90% coverage), deployed via Azure cloud services.
- Jarvis - A Smart Mirror** [\[Link\]](#) *August 2020- May 2021*
- Developed a voice-activated smart mirror with 98% voice recognition accuracy and real-time integration of weather, news, time, and temperature displays.
 - Engineered a Python-based voice command system that compact response time by 85%, streamlining morning routines by consolidating tasks into one device.

WORK EXPERIENCE:

- Software Engineering Intern** @Ordinet Solutions Private Limited, India *October 2022 - December 2022*
- Developed AI and IoT-based application that improved attendance tracking and waste management, increasing overall efficiency by 30%.
 - Built a face recognition platform that reduced manual logging errors by 25%, enhancing accuracy in employee records.
 - Designed and implemented a waste monitoring platform that optimized collection routes and cut disposal costs by 35%, while boosting recycling rates by 30%.

EDUCATION:

- Master of Science in Computer Science** *September 2023 - March 2025*
Seattle University, Seattle, WA, USA
- Relevant Courses** – Fundamentals of Software Engineering, Software Architecture, Mobile Software Development, Cloud Computing, Computer Networks, Computer Graphics, User Interface/User Experience
- Bachelor of Engineering in Computer Science & Technology** *August 2017- May 2021*
Sant Gadge Baba Amravati University *CGPA: 10/10*