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:	NUnit, 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.
- Enhanced user experience by 20% and reduced time spent on morning tasks by 35%, improving overall convenience and efficiency.

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*