



Ashutosh Mishra

Jaypee University Of Engineering and Technology
Guna, India

+91-8423979654
am3718440@gmail.com
GitHub Profile
LinkedIn Profile

Education

- Jaypee University of Engineering and Technology, Guna**
Bachelor of Technology in Computer Science and Engineering

2021-25
CGPA: 7.8

Professional Experience

- Volla Systeme GmbH**, Application Engineer 08/2024- Present
 - Integrated a text-to-speech feature into VollaBoard using the Whisper model.
 - Built and deployed the VollaBoard for Android 14, delivering the update to over 6,00,000 users globally.
- Fiserv Pvt. Ltd.**, Technology Analyst Intern 05/2024 - 07/2024
 - Gained in-depth fintech knowledge in the Credit Union Solutions (CUS) department, focusing on finance and technology.
 - Developed a .NET and C# team management app for 1,000+ managers, improving team coordination by 25%.
- Jaiprakash Power Ventures Ltd (JPVL)**, Project Intern 02/2024 - 05/2024
 - Developed software to design and simulate thermodynamic cycles, enhancing power plant analysis and planning.
 - Conducted in-depth research to optimize power plant operations, leading to a 10% reduction in operational costs.
- Ricoz**, Android Developer Intern 11/2023 - 03/2024
 - Developed and deployed multiple applications on the Play Store, having 2000+ users.
 - Successfully delivered the Hair Haven app for clients, enhancing their business operations.

Projects

- PC and Smart Home Control Application** - *JavaFx, Swing, Python, Dart, Flutter, BLE, RaspberryPi*
 - Developed a cross-platform Flutter application enabling remote PC control with features like cursor and keyboard management, achieving seamless connectivity with a latency of under 50ms.
 - Integrated smart home control by connecting mobile devices to microcontrollers, allowing users to manage appliances like lights and fans.
- Thermodynamics Cycle Simulations Software** - *Dart, Flutter, Python, Provider, Thermotool*
 - Built a Windows-based tool using Dart and Flutter for simulating Rankine cycles, offering an intuitive UI for engineers and researchers.
 - Integrated advanced algorithms to calculate parameters like temperature, pressure, entropy, and enthalpy, boosting simulation precision.
- EdTech Application - Shiksha.Tech** - *Dart, Flutter, Python, ngRok, Firebase, AI/ML, REST API*
 - Developed an edtech app with a dynamic course catalog and recommendation system for internships, jobs, and government schemes.
 - Integrated video lectures, blogs, job listings, and short-clips features to enhance the user learning experience.

Technical Skills and Interests

Languages: C/C++, Java, Dart, Python, HTML+CSS, C#

Libraries : C++ STL, Java Collection

Tools: Android Studio, VScode, Git, Github, TensorFlow Lite, Visual Studio

Frameworks: Flutter, Flutter Web, Selenium, .NET Core

Cloud/Databases: Firebase, MySQL

Areas of Interest: Software Design and Development, Backend Development

Soft Skills: Problem Solving, Teamwork, Time management, Flexibility

Positions of Responsibility

- Co-Ordinator** 2022 - 2024
Training and Placement Cell of JUET
- Joint Secretary** 2022 - 2024
BITWISE - JUET (Coding Club of Computer Society of India)

Achievements

- Convoke 2023 - Winner** New Delhi, 02/2023
 - Won 1st place at Convoke Hackathon, CIC Delhi, among 50+ teams nationwide, for developing an AR-based indoor navigation system.
- IDE Bootcamp 2023** Bhopal, 06/2023
 - Selected for the three-day IDE Bootcamp 2023, based on a standout project idea, and engaged with 40+ entrepreneurs to gain insights into project development and entrepreneurship.