



ARUN K PHILIP

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SKILLS

- Programming Languages & Frameworks : Python,C,JavaScript
- Web Development:: HTML5 & CSS3
- API Development & Integration: FastAPI,Flask
- Agile Methodologies & Software Development:: Agile Practices,Software Engineering Principles,Design Thinking & Problem-Solving:
- Version Control & Deployment: Git & GitHub
- Soft Skills: Collaboration, Communication,Adaptability & Continuous Learning

PROJECTS

AVAASS

- Converts whispered speech into a natural voice, aiding individuals with speech impairments, especially those who stammer.
- Uses faster-whisper ASR for real-time transcription and Coqui TTS for seamless voice synthesis.
- Built with FastAPI for real-time processing, integrated with a Flutter app via ngrok for user-friendly interaction.
- Optimized for on-device deployment, supporting real-time and recorded speech conversion with speaker-specific voice characteristics.

Tweetgits

- A full-stack social media platform for Saintgits College, fostering student communication and engagement.
- Developed using Flutter for cross-platform support with an intuitive and responsive UI.
- Integrated Firebase for real-time messaging, notifications, media sharing, and secure authentication.
- Features personalized profiles, comment threads, and event scheduling, creating an interactive student community.

CrowdFund

- A blockchain-based crowdfunding platform supporting United Nations' SDGs with transparent fundraising.
- Smart contracts in Solidity ensure tamper-proof transactions without intermediaries.
- Uses blockchain-powered payments for secure, fraud-resistant, and transparent donations.
- Provides real-time tracking of fund allocation and project progress, ensuring accountability.

LEARNING EXPERIENCE

Design Thinking – Infosys Springboard

- Completed an in-depth Design Thinking course on Infosys Springboard, gaining expertise in user-centric problem-solving and innovation.
- Explored key Design Thinking stages, including empathizing with users, defining problems, ideating solutions, prototyping, and testing.
- Learned structured methodologies to identify customer needs, conduct research, and generate creative solutions through brainstorming and storyboarding.
- Gained hands-on experience in prototyping and testing, applying iterative improvements to refine product development.

Software Engineering and Agile Software Development – Infosys Springboard

- Successfully completed a Software Engineering and Agile Software Development course on Infosys Springboard, gaining expertise in modern software development methodologies.
- Explored key Agile principles and frameworks like Scrum and Kanban, emphasizing iterative development and continuous improvement.
- Learned software engineering best practices, including version control, testing strategies, and scalable architecture design.
- Developed hands-on experience in Agile project management, sprint planning, and team collaboration for efficient software delivery.

The Complete Full-Stack Web Development Bootcamp – Udemy

- Successfully completed The Complete Full-Stack Web Development Bootcamp on Udemy, taught by Dr. Angela Yu, covering 61.5 hours of in-depth instruction.
- Gained proficiency in front-end technologies, including HTML5, CSS3, JavaScript ES6, Bootstrap 4, and jQuery, to build responsive and interactive web applications.
- Developed expertise in back-end development using Node.js, Express.js, and MongoDB, enabling the creation of scalable server-side applications.
- Acquired hands-on experience with Git and GitHub for version control and learned deployment strategies using Heroku and MongoDB Atlas for efficient project management.
- Applied learned concepts through real-world projects and coding exercises, strengthening practical full-stack web development skills.

EDUCATION

- **Bachelor of Technology (B.Tech) in Computer Science and Engineering**
Saintgits College of Engineering, Pathamuttom | 2021 – 2025
Cumulative Grade Point Average (CGPA): 6.76
- **Higher Secondary Education (Class 12)**
Kristu Jyoti Higher Secondary School, Chethipuzha, Changanassery | 2019 – 2021
Percentage: 98.08%
- **Secondary School Leaving Certificate (SSLC) (Class 10)**
Kristu Jyoti Higher Secondary School, Chethipuzha, Changanassery | 2019
Percentage: 95%

ACHIEVEMENTS

Young Innovators Program (YIP) 5.0 District Level Winner | 2024

- Awarded District Level Winner for devising an innovative tech solution addressing a social challenge. This accolade highlights my creative problem-solving and competitive drive.

University Inter Collegiate C Zone Handball Tournament Second Place | November 2022

- Secured second place as a key player, showcasing strong teamwork and strategic gameplay. This achievement reflects my leadership and commitment to athletic excellence.

HOBBIES

- Passionate about exploring emerging technologies and staying updated with industry trends by participating in hackathons and coding challenges.
- Actively contribute to open-source projects and collaborate with the developer community to drive innovation.
- Enjoy playing team sports like handball, which enhances leadership, teamwork, and strategic thinking.
- Committed to continuous learning through online courses, workshops, and tech meetups, ensuring ongoing personal and professional growth.