

Zishan Ahmad

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Portfolio: spiral-memory.netlify.app

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EDUCATION

- Indian Institute of Information Technology** Kottayam, India
Bachelor of Technology - Information Technology; SGPA: 9.36; CGPA: 9.06 November 2020 - Present
Courses: Analog and Digital Circuits, Data Structures, Computer Networks, Soft Computing, Data Warehousing and Data Mining, Artificial Intelligence, Machine Learning, Software Design Patterns, Parallel and Distributed Computing, Microprocessors
- Lord Buddha Public School** Aurangabad, Bihar
AISSCE; Aggregate: 83.6 % Apr 2018 - March 2019
- Sun Beam Public School** Dehri On Sone, Bihar
Secondary School Examination ; CGPA: 10 Apr 2016 - March 2017

SKILLS SUMMARY

- Languages:** JavaScript, C, C++, Python, HTML, CSS
- Libraries:** NodeJS, ReactJS, ExpressJS, PyTorch, OpenCV, HuggingFace Transformers
- Tools:** GIT, Canva, MongoDB, Docker
- Platforms:** Linux, Windows, Arduino, AWS
- Soft Skills:** Leadership, Event Management, Writing, Public Speaking, Time Management
- Languages:** English, Hindi, Urdu

PROJECTS

- Memory Lane - Helping Alzheimer's patients remember (Deep Learning)** : MemoryLane is a project that uses facenet pytorch and hugging face transformers to create a voice-based interface for Alzheimer's patients. By detecting voice commands and recognizing faces, the system helps patients remember important details such as names and addresses of their relatives. **Tech Stack: Pytorch, HuggingFace Transformers, FaceNet & OpenCV** (February '23)
- International Customer Credit transfer API - A MT to MX format Converter (Web Dev : Backend):** SWIFT has directed that PACS008(MX) format is more readable and efficient as compared to MT103(MT) format for cross border transactions, So this API will make the conversion on the go. Application was built using Microservices Architecture. **Tech Stack: NodeJS, Express JS, Javascript, AWS, Swagger & JMeter** (September '22)
- Travel Time (MERN Stack Web APP):** It is a web application where people can share their travel experiences and can also get insights about other places which will shape their travel plan better. **Tech Stack: HTML, CSS, ReactJS, NodeJS, & MongoDB.** (June '22)
- PlayAround (Web Development, Community Chat):** A web chat application that helps to connect people without worrying about their privacy. **Tech Stack: HTML, CSS, Javascript, NodeJS** (April '21)
- Bluetooth Controlled Home Automation (Arduino, Networking, IoT):** In this project, a home automation system was designed which can be controlled by any smartphone. The smart phone sends control signals to switch home appliances ON or OFF by an android app through Bluetooth interface. **Tools: Arduino, HC-05 Bluetooth Module, C, USBASP and Other Circuit Components** (September '18)
- Home Security System using PIR Motion Sensor (Arduino)** : Created from scratch a home security system using PIR motion sensor.It detects human movements and displays the status on LCD along with an alarm. **Tools: C, Arduino, PIR Sensor, LCD, Fritzing** (10 Oct '14)

CERTIFICATIONS AND AWARDS

- First Prize Winner at NEST Digital Hackathon - Sept, 2022
- React, NodeJS, Express & MongoDB : The MERN Fullstack Guide by Academind - Udemy Certificate
- Participated at Social Good Hackathon- October, 2021
- Engaged at Codathon Conducted by MANIT - Jan, 2021

VOLUNTEER EXPERIENCE

- Webmaster & Core Member at ACM Student Chapter** Kerala, India
Handles Social Media, Writes Contents & Conducted webinars impacting 500+ Students. Jan 2022 - Present
- Event Organizer at ENLACE, IIIT Kottayam** Kerala, India
Organized events, managing and coordinating multiple events Dec 2021 - Present
- Active Member at ART and Design Club, IIIT Kottayam** Kerala, India
Organized events, Designed Posters and Digital Canvas Feb 2021 - Present