

Yash Gabale

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Education

1. **Master of Science in IT**, Kennesaw State University, GPA: 3.88 01/2024-05/2025
2. **Bachelors in Electronics and Telecommunication**, India, GPA: 3.50 07/2018-04/2023

Technical Skills

Programming Language: Python, Java, JavaScript, Typescript, C.

Web Technologies: HTML/CSS, VueJS, NodeJS, Angular, Springboot, Restful API Design, Swagger.

Relational Database: MySQL & **Non-Relational Database:** MongoDB, NoSQL.

Cloud Computing: AWS services, Microsoft Azure.

Tools: PowerBI, MS Office tools, Wireshark, Git, Docker.

Professional Experience:

Graduate Professional Assistant, Kennesaw State University 08/2024- Present

- Research different user-centric methods for mental health mobile app development.
- Demonstrated communication skills, Developed responsive websites and web applications
- Provided technical support for design tools and software, Supported faculty in conducting usability research studies
- Documented technical lab reports for system evaluations

Full Stack Developer, Sahyadri Aerospace 08/2021-08/2023

- Developed a web-based customer support portal to replace the previous email-based system, enabling customers to raise and track support issues.
- Utilized **React** for the front-end, **Node.js** and **Express** for back-end services, and **MongoDB** for data storage, ensuring seamless performance and scalability.
- Utilized strong leadership skills to guide a cross-functional team towards successful completion of complex tasks in agile development methodologies.
- Reduced issue resolution time by 30%, from 3 days to 2 days, significantly improving customer satisfaction.
- Revamped the admin user interface for edge computing device management in factories, transitioning from wired to wireless connections; achieved a reduction in installation time by 40% and enhanced operational flexibility.
- Leveraged **Vue.js** for front-end development, **Node.js** for Back End services, **Ajax** for dynamic content loading, and Shell Scripting for device setup automation.
- Actively participated in agile sprints, daily stand-ups, and retrospectives; contributed to building and maintaining CI/CD pipelines for rapid, iterative deployments.

Projects

HEAL Web-Based Healthy Living Platform 08/2024-12/2024

- Created a platform using the MEAN stack to promote healthy living.
- Enabled users to purchase nutritious food from various merchants.
- Designed and deployed RESTful API.

CARIT – Center for Applied Research in Information Technology 01/2024- 04/2024

- Created a website to expedite department hiring and verify student eligibility
- Utilized HTML, CSS, PHP, and JavaScript for web development.
- Potential to reduce hiring decision time by 30%

Structural Health Monitoring System for Bridges 06/2022 – 05/2023

- Engineered a real-time vibration detection system for non-destructive bridge auditing
- Composed a cross-platform interface for remote data access via laptops, mobiles, and tablets.

Covid Proof Social Distancing Alarm Cap 12/2020 – 05/2021

Built a social distancing alarm cap that alerts the user whenever another person gets within 50 cm of the user to help keep a safe distance during the COVID-19 pandemic.

Training and Certification:

- AWS Cloud Practitioner- CLF-C01 [LA] C2D8C879977F [CloudGuru]
- AWS Cloud Practitioner- CLF-C02 [LA] BF0E42DDDE12 [CloudGuru]