

YASHASWINI YELLAPU

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About

I am seeking a Working Student position, aligning with my master's studies in FAU. This role offers hands on industry experience to expand my skills. Dedicated and adaptable, I strive to contribute effectively to dynamic team environments. Balancing academic excellence with professional growth, I aim to make meaningful contributions and drive innovation within the organization.!

Education

FAU Erlangen-Nuremburg

Master of Science in Autonomy Technologies

April 2024 – current

Erlangen, Bayern, Germany

JNTUA College of Engineering, Pulivendula

Bachelor of Technology in Mechanical Engineering

July 2017 – June 2021

Pulivendula, Andhra Pradesh, India

Areas of Interest

- Robotics.
- Autonomous Driving.
- Computer Vision.
- Low Code Development.
- DevOps and CI/CD Integration.

Experience

Everest Engineering

Software Craftsperson

August 2021 – March 2024

Bangalore, Karnataka

Timesheets — Employee Work Hours Tracking July 2023 – Jan 2024

Tech Stack: *TypeScript, SQL, Node.js, React-JS*

- Implemented constraints in recording work hours.
- Enhanced CI/CD processes for scheduled script execution using GitHub Actions.
- Developed new features in an admin-friendly user interface.
- Increased test coverage through unit tests.
- Utilized AWS ECS to manage databases.

SeekMaxConnect — Job Portal Mobile Application Aug 2022 - June 2023

Tech Stack: *Node.js, TypeScript, JavaScript, Koa.js, NodeBB, Docker, Buildkite, AWS, MongoDB, Jest, Nock, Datadog, Splunk, PagerDuty*

- Managed on-call support, effectively resolving production incidents through collaborative teamwork.
- Championed the delivery of the MyThread feature, ensuring its successful implementation within the application
- Developed monitoring dashboards in Datadog for API and AWS services, proficiency in Splunk.
- Enhanced NodeBB service functionalities with user-specific privileges and custom API integrations.
- Implemented multiple APIs across proxy and GraphQL service layers, incorporating AWS Recognition, Lambda, CloudFormation, and SecretManager services.
- Utilized AWS EC2, SNS, and CloudWatch services, while building Docker images and establishing CI/CD pipelines using Buildkite.
- Improved test coverage through the implementation of unit and integration tests.

Everest Engineering

Full Stack Developer Intern

April 2021 – August 2022

Bangalore, India

Employee Portal — Web Application

Tech stack: *Java, SQL, Spring boot*

- Developed a Java-backed application with a React JS frontend, incorporating CI/CD via GitHub Actions, and deployed it using AWS ECS cloud services. Acquired expertise in building and testing REST APIs.

Airlines booking system — Backend Application

Tech stack: *Java, Docker, MySQL, Aws, React*

- Has built a Java-based backend application to book flight tickets based on Economy, First and Second class with pricing strategies that depend on the date of booking. It was able to handle the flight data using the MySQL database.

Parking lot System — Backend Application

Tech stack: *Java*

- Has built a Java-based application to create a parking lot with given floors and slots by the user. It is used to allocate the parking space for cars, bikes and trucks. Parking-ticket is issued when the vehicle was parked and a vehicle with a parking ticket can be brought out of the parking lot.

Projects

Automatic Domestic Fire Suppression System | *Aurduino, Flame sensor, GSM module, Relay module* **April 2021-June 2021**

- The project represents a comprehensive safety initiative designed to elevate the security of domestic households. It leverages cutting-edge technology to detect, mitigate, and prevent fire accidents within the confines of a house, ensuring a safer living experience.

Smart Dustbin | *Aurduino, Servo motor, Ultrasonic sensor*

April 2020 – August 2020

- To improve hygiene, this setup enables to dispose of trash without touching the dustbin lid.

Technical Skills

Languages: Python, Java, HTML/CSS, JavaScript, TypeScript, SQL

Tools: Microsoft Office

Image Processing Libraries: OpenCV, NumPy

Developer Tools: VS Code, IntelliJ, Google Cloud Platform, Amazon Web Services

DevOps tools: Docker, CI/CD, GitHub, GitLab, BitBucket

Operating Systems: Mac, Windows

Technologies/Frameworks: React, Spring-boot, Node.js, JUnit

Soft Skills: Time Management, Leadership, Adaptability and Flexibility, Decision Making

Certifications

- Essentials for NX Designers from Siemens
- Introduction to Industry 4.0 and Industrial Internet of things from NPTEL

Language Skills

Mother Tongue: Telugu

Other Languages: English - B2, German - A1

Leadership / Extracurricular

Training and Placements Cell

April 2021

Coordinator

JNTUA College of Engineering, Pulivendula

- Organized placements activities throughout 2021.
- Managed the placement data for 60 students.

Robogyan Club Events

August 2020

Event Coordinator

JNTUA College of Engineering, Pulivendula

- Organized a workshop on Image processing using Raspberry Pi.
- Hosted and managed a two-day event for 50 delegates.