

NANDURI VENKATA DURGA AMARNADH

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Experience

Vezero Platform

Jan 2022 – April 2022

Software Engineer Intern

- Developed a service to automatically perform a set of unit tests daily on a product in development in order to decrease time needed for team members to identify and fix bugs/issues.
- Incorporated scripts using Python and PowerShell to aggregate XML test results into an organized format and to load the latest build code onto the hardware, so that daily testing can be performed.
- Utilized Jenkins to provide a continuous integration service in order to automate the entire process of loading the latest build code and test files, running the tests, and generating a report of the results once per day.
- Explored ways to visualize and send a daily report of test results to team members using HTML, Javascript, and CSS.

OctaNet services PVT LTD

May 2024 – July 2024

Java developer Intern

- Developed, tested, and maintained scalable Java applications, optimizing performance and ensuring seamless integration with existing systems.
- Collaborated with cross-functional teams to design, develop, and deploy robust back-end components for diverse software projects.
- Implemented RESTful APIs to enhance data accessibility, streamlined communication between systems, and integrated third-party services.
- Contributed to project documentation and user manuals, facilitating effective knowledge transfer and user adoption.

Projects

AI personal Assistant App — | *ML, object Recognition, Mobile Development, Encryption*

September 2024

- Utilizes Convolution-al Neural Networks (CNNs) and transformer-based architectures to detect objects with high accuracy.
- Uses model compression techniques like pruning and quantization to maintain accuracy while reducing computational load.
- Develop algorithms to accurately detect objects within a scene and pinpoint their exact location within a video frame.

Ticket Price Calculator App | *Java, Android Studio*

November 2023

- Created an Android application using Java and Android Studio to calculate ticket prices for trips to museums in NYC.
- Processed user inputted information in the back-end of the app to return a subtotal price based on the tickets selected.
- Utilized the layout editor to create a UI for the application in order to allow different scenes to interact with each other.

Task tracker | *React.js, javascript, express.js, MySQL, PHP*

October 2022

- The Task Tracker App is designed to help users manage and prioritize their tasks efficiently.
- It allows users to create, update, and organize tasks based on due dates, priorities, and categories. With a clean and intuitive interface,
- Optionally receive reminders for upcoming tasks or deadlines, with custom notification frequencies (e.g., daily, weekly, or task-specific).

Education

Bharath Institute Of Higher Education And Research

Sep. 2021 – May 2025

Bachelor of Science in Computer Science

Chennai, TamilNadu

Technical Skills

Languages: Python, Java, C++, Angular, Node.js, JavaScript, SQL

Developer Tools: VS Code, Eclipse, Google Cloud Platform, Android Studio

Technical Design: System Design, CI/CD tooling, SDLC

Ad Tech: Azure Cloud, Service Now, Ansible, and Azure DevOps

Project Management: Requirements Gathering, Solution Lifecycle

Communication: Stakeholder Management, Team Collaboration, Strong written, verbal communication skills

Leadership / Extracurricular

Tesch Fest

Winter 2023

Event Coordinator

Bharath University

- Managed logistics for a large-scale tech festival, attracting over 500 participants and featuring renowned industry speakers.
- Collaborated with local tech companies to sponsor events and provide hands-on workshops.
- Developed marketing strategies to promote the event in social media.