

Abhyaung Havale

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EDUCATION

Pace University, Seidenberg School of Computer Science and Information Systems *New York City, NY, USA*
Master of Science (MS) in Computer Science | Concentration: Software Engineering | GPA: 3.7/4 *May 2025*

Savitribai Phule Pune University *Pune, Maharashtra, India*
Bachelor of Science (BS) in Computer Science | GPA: 7.9/10 *December 2022*

Certifications

• Amazon AWS Certification Cloud Practitioner (2022) *2022*

Projects

Threat Identification NLP Model - Python, Google Colab *December 2024 – March 2024*

- Developed an NLP threat detection model using Hugging Face's BERT tokenizer and transformer models in Python, implemented in Google Colab for GPU acceleration.
- Built a secure and privacy-preserving framework to analyze direct messaging applications, effectively identifying threats, fraudulent behavior, and illegal activities without compromising user confidentiality.
- Employed PyTorch, scikit-learn, and custom training scripts to enhance model performance, accuracy, precision, and recall, ensuring suitability for deployment in high-security, privacy-sensitive environments.

Swastha Sanchar - Android (Kotlin, Java) *September 2024 – December 2024*

- Developed "Swastha Sanchar" Android app: Designed a holistic wellness platform integrating user profiles, community feeds, event management, and social connections using Android Studio with Jetpack Compose and Firebase backend services (Authentication, Firestore, Cloud Storage, Push Notifications).
- Led implementation of key features: Spearheaded user authentication, interactive Postcard UI, event management, and navigation features; optimized user experience and introduced push notifications for engagement and reminders.

Moveasy: Moving Website - MERN (Mongo DB, Express, React.JS, Node.JS) *January 2024 – February 2024*

- Designed full-stack website using MERN enabling vehicle owners & customers needing movers to connect, creating interactive portal using React.JS allowing users to create profiles & search for location-based movers.
- Built MongoDB database to store user data including authentication & profile information, integrating Express API to optimize front & backend communication, requiring less configuration allowing for higher request processing & scalability.

Sales Data Analyzer – MySQL & Java

September 2023 – October 2023

- Collaborated in team of 3 to build functional full-stack web app enabling retailers to analyse inventory, sales patterns, & predict trends, summarizing production, manufacturing, sales, & inventory storage decisions to reduce overhead costs.
- Scripted backend MySQL database using Java Springboot, utilizing SQL server to orchestrate server-side logic & normalizing data using automated Stored Procedures algorithms, optimizing database functionality by reducing server load

LEADERSHIP

NSS (National Service Scheme)

Pune, India

NSS Head

Jul 2020 – December 2023

- Coordinated community outreach events including donation campaigns to source food & clothing items from college students, collaborating with local organizations for distributing supplies to community members in need.
- Collaborated with local hospitals to communicate availability of beds during pandemic, facilitating healthcare placements for individuals seeking treatment.

Technical Skills

Software / Tools: Amazon AWS, VS Studio, Microsoft Office (Word, Excel, PowerPoint), REACT.js, MongoDB, Node.js, Jupyter, Google Colab

Programming Languages: Java, Python, MySQL, SQL, JavaScript, C, C++, JavaScript, Android (Kotlin)

Operating Systems: Linux, Windows, MacOS, Kali Linux, Android Studio