

Chaithanya Heblkar

Flagstaff, AZ | [linkedin.com/in/csheblkar](https://www.linkedin.com/in/csheblkar) | csheblkar@nau.edu | +1 (928) 255-7438

EDUCATION

Northern Arizona University, Flagstaff, AZ

Present

Master of Science in Computer Science | GPA: 4.0

- Graduate Teaching Support: CS 500 Data Structure Foundations (Fall 2023)
- Teaching Assistant: EGR 599 Contemporary Developments (Fall 2023, Spring 2024)
- Graduate Teaching Support: CS212: Web Programming I (Spring 2024)

Visveswaraya Technological University, Belagavi, KA

Jul 2022

Bachelor of Engineering in Computer Science and Engineering | GPA: 9.23

WORK EXPERIENCE

Android Development Intern - SecqreAIse Technologies, Chennai, TN

Aug 2022 - Dec 2022

- Helped transition PluxAI from an idea to live production in just 1 month.
- Collaborated on the integration of PluxAI with Firestore, enabling real-time updates for employee timesheets and ensuring efficient and accurate tracking of work hours.
- Implemented a leave enquiry screen for PluxAI Android app, enabling employees to view and manage their leave entitlements and requests in a convenient and intuitive manner.
- Deployed data recovery mechanisms through the Room Persistence Library, ensuring secure local storage of attendance data and seamless synchronization with cloud storage in case of device failure; minimized data loss and maintained data integrity during critical events.

Project Intern - Hitachi Vantara, Hyderabad, TL

Feb 2022 - Jul 2022

- Analyzed client servers hosted on Amazon Web Services (AWS) to determine the cause of high CPU utilization, identifying and resolving performance issues and improving system efficiency.
- Monitored the performance of the server using Datadog, a cloud-based monitoring and analytics platform.

PROJECTS

Automatic Helmet detection and License Plate Recognition

Feb 2022 - Jul 2022

- Developed a deep learning model using YOLO, achieving 93% accuracy in detecting individuals without helmets on motorcycles.
- Implemented MobilenetSSD to efficiently recognize and extract license plate numbers to track and identify the helmet-less riders.

Healthful

Apr 2021 - Aug 2021

- Developed a health prediction Android application that predicts diseases based on input symptoms and recommends the nearest available healthcare centers for appropriate treatment.

Vehicle Service Management System

Nov 2020 - Jan 2021

- Built a LAMP-stack based web application to streamline automobile servicing.

OTHER

- **Technical Skills:** Python, Java, Kotlin, C, C++, Node.js, MySQL, Git, Android Studio, AWS
- **Certifications:** Android Development in Kotlin (Udemy), Python Data Structures (University of Michigan, Irvine)