

AKSHAT WAGADRE

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EDUCATION

M.S. in Computer Science, University of Illinois at Chicago

Aug 21- June 23 (Expected)

B.Tech. in Computer Science, VIT University

July 16 - May 20

Vellore Institute of Technology, Chennai, India | CGPA - 8.28 / 10

Relevant Coursework: Web Development, Data Analysis, Digital Image Processing, Artificial Intelligence, Machine Learning, Data Structures, Operating Systems.

CERTIFICATIONS

- [Machine Learning](#) - Stanford University
- [Neural Networks and Deep Learning](#) - deeplearning.ai (3 courses)

SKILLS

Python, Javascript, Java, C, C++, | Node.JS, React, React Native, MaterialUI, Responsive Design | MongoDB, Firebase | TensorFlow, scikit-learn, NLTK, SciPy, NumPy, Pandas, Matplotlib, Seaborn, OpenCV | Git, Docker

PROJECTS

Human Activity Recognition for Surveillance Using LSTM/BiLSTM

- Created a Python application that classifies human activities on a live video feed. It used an LSTM based model that was trained over clips of suspicious activities and gave an accuracy of 81%.
- Published a [journal paper](#) in IJAST for the mentioned project.

Full Stack Projects ([React Website](#))

- [Cryptobase](#): Built a crypto news / charting responsive website with ReactJS (using Material UI) for frontend and NodeJS for backend with PassportJS for authentication.
- Built multiple web projects using web technologies like Node.JS, ReactJS, Firebase, MongoDB.
- Websites include clones of Amazon (including payment gateway with stripe), Spotify, Netflix, Whatsapp and a few personal projects. React native (expo) apps built are Uber app, Signal app.

WORK EXPERIENCE

Full Stack Development Intern | Shiash Infotech

May 19 - Jun 19

- Worked on UI development with Bootstrap for a web app that could generate meaningful sentences based on keywords inputted. This was a java based project that used Spring framework for its development.

Image Processing Intern | VIT University

Oct 19 - Dec 19

- Worked on classification of diabetic retinopathy using CNN models and OpenCV for preprocessing of dataset and feature extraction.

AWARDS AND EXTRA-CURRICULAR ACTIVITIES

- Awarded a yearly scholarship of ₹50k for securing under 10k rank in VIT entrance exam.
- Lead a team of 4 and got 3rd place in a hackathon organized by Facebook Developer Circles, Chennai among 40+ teams.
- Won 1st prize in a college organized "Counter Strike: Global Offensive" Game event.