

Sudhanva Paturkar

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EDUCATION

Northeastern University

Boston, MA • 2025

Master of Science in Computer Science

Nagpur University

Maharashtra, India • 2021

Bachelor of Engineering in Computer Technology

SKILLS

Languages:	C++, Java, Python, PHP, Javascript
Frameworks:	ReactJS, AungularJS, NodeJS, ElectronJS, Tickenter, Flask, Java Servlets, Spring MVC, Bootstrap, Open CV
Databases:	MySQL, Oracle, MongoDB
Other:	Agile Development, JSP, AWS, Jira, Git, Maven, Splunk

PROFESSIONAL EXPERIENCE

Accenture

December 2022 - May 2023

Senior Full-Stack Developer

Pune, India

- Collaborated with **Adobe's** SanJose Team on their **FillAndSign** product, enhancing API calls and optimising page load times by 20%.
- Implemented dark mode for signature images using React JS, enhancing user experience.
- Led the development of key features, like dark mode and API-based document processing, resolving over 40 major software bugs.
- Participated in several bug hunts organized by adobe and reported 11 major bugs that affected optimisation and user experience.

Accenture

June 2021 - November 2022

Full-Stack Developer

Pune, India

- Collaborated with Adobe on their **Adobe Sign** product by resolving over 24 major customer facing defects and bugs in the tool.
- Implemented 3 new API features for faster document processing along with a Splunk dashboard to monitor their performance.
- Awarded the **Accenture Pinnacle Award** for exceptional contribution in the Product Engineering department for FY22-Q4.

Sacchidanand Utech

May 2019 - November 2019

Software Development Intern

Nagpur, India

- Designed and created a web-based dashboard for smart home automation tools, managing sensor data for smart home analytics.
- Utilized React JS for lightweight dashboards following MVC principles.
- Led a team of 10 interns and conducted regular scrum meetings to efficiently deliver output and meet deadlines.
- Awarded **Best Intern** for best performance and most contributions made towards product development.

PROJECTS

React Based Complex Team Management Tool

January 2022 - February 2022

- Developed a comprehensive team management tool using React JS, MongoDB, and Node.js for a local cricket league.
- Successfully adopted by 4 other similar leagues for match and schedule management.
- Agile development approach ensured a one-month project delivery.

RNN Based Handwriting Classify1er and Analysis Tool

February 2021 - May 2021

- Achieved over 96% accuracy with an RNN-based AI model capable of classifying up to 60 authors in just one hour of training.
- Utilized an innovative image-based approach to problem-solving instead of the traditional curve analysis based approach, this allowed the model to be language independent.
- Using TensorFlow allowed the project to be easily scalable where the model could be trained across multiple GPUs in university for a large dataset like student assignments to determine if handwritten assignments were indeed written by the student.
- The project can generate it's on data by scanning handwriting samples with the help of an open cv script. That can sieve through an image and create data sets on which the model can train on.

CNN based Fake News Detector

May 2020 - November 2020

- Achieved a remarkable accuracy rate of 94.5% in fake news detection using a Convolutional Neural Network (CNN).
- Processed 10,000 news articles with real-time classification capability, analysing up to 1,000 articles per minute.
- Developed a user-friendly web interface and integrated a RESTful API for seamless application integration.
- Implemented bias mitigation techniques, enhancing fairness in news article classification.

Host Client Multimedia Player to control media controls across network.

June 2019 - August 2019

- Created a client-server software using Python socket programming and React Native to control media player functions across a network.
- Leveraged multiple technologies like React Native, Electron, Python, and Node.js to build and manage servers.

Paper Presentation Conference Portal

Jan 2020- March 2020

- Created a portal for academics to register and submit their paper for SPANDAN 2020, an annual paper presentation conference hosted by YCCE, Nagpur University.
- Used Bootstrap for quick and efficient UI for the website, PHP for fast and reliable back end processing and MySQL database to store participant's data.

CERTIFICATIONS

Amazon Web Services Certified Developer Associate

Amazon • 2022