

YASH NAYANKUMAR CHAVDA

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EDUCATION

Western University, London, ON

Master's of Science in Computer Science

Sept 2022 – Dec 2023

GPA: 3.33

Courses: Network Security, Advanced Databases, Machine Learning, Human Computer Interaction, Unstructured Data, Advanced Machine Learning

Indus University, Ahmedabad, IN

Bachelor's of Technology in Information Technology

Aug 2018 – Apr 2022

GPA: 3.64

Courses: C, C++, JAVA, Python, Databases, Data Structure and Algorithms, Web Technology, Data Science, Design & Analysis of Algorithms, Internet of Things, Big Data Analysis

SKILLS/TECHNOLOGIES

- o **Programming Languages:** *Proficient* – C++, Python, HTML, CSS, JavaScript, SQL; *Intermediate* – Java, C; *Beginner* – C#
- o **Technologies:** *Proficient* – React JS, Node JS, Express JS, MongoDB, MySQL, Tailwind CSS; *Intermediate* – Spring, Hibernate, Next JS, PHP, GraphQL, Machine Learning, Data Analysis; *Beginner* – Three JS, Ruby on Rails
- o **Libraries & Framework:** OpenCV, NumPy, Scikit-learn, TensorFlow, Keras, PyTorch, Pandas, Matplotlib, Seaborn
- o **Tools:** VSCode, Postman, Collab, MS Office, PowerBI

EXPERIENCE

Royal Technosoft Pvt. Ltd.

Full Stack Developer Intern

Apr 2020 – Jul 2021

Ahmedabad, IN

- o Developed and maintained 5 front-end projects for different firms which mainly focused on user experience, utilizing advanced and trending front-end technologies like Bootstrap, React, Redux, ES6.
- o Implemented rich user interfaces and experiences by creating 20+ new features and elements with the help of JavaScript, React, Node, UI libraries which resulted in 23% increase of user engagement.
- o Developed and tested REST API using Postman, collaborating with senior developers on multiple full-stack projects; integrated third-party APIs and maintained data with MongoDB, ensuring clean and efficient code on both front-end and backend.
- o Apart from coding, participated in team meetings to understand the requirements of clients and weekly code reviews to ensure code quality and monitoring from senior developers.

PM Communications

Web Designer Intern

Sept 2019 – Feb 2020

Ahmedabad, IN

- o Collaborated with the design and marketing teams to develop captivating layouts and mockups for webpages using Figma, resulting in a 20% increase in user engagement and a 15% decrease in bounce rate.
- o With front-end languages, I created visually appealing interfaces. I embraced advanced technologies including Bootstrap, ES6, and React, further enriching my skill set and enhancing the sophistication of the web solutions.
- o Built and applied reusable code components to 5+ projects to reduce development hours and page loading time by 27% by optimizing image sizes and implementing caching strategies. Fixed bugs from existing websites and implemented enhancements.

MAJOR PROJECTS

uGossips – Q&A forum for university - [link](#), [report](#)

Jul 2021 – Feb 2022

- o A university website was developed for a question answer forum, allowing students to post and receive responses.
- o The website features signup/login via email, Facebook, or Google, and allows users to earn points for relevant posts. Credits can be used to purchase goods from the embedded eCommerce page. We addressed potential bugs to provide seamless experience to user.
- o Technology Stack: HTML, CSS, JS, React, Express, MongoDB, Node, JWT, Firebase, GitHub, Postman, GIT

Brain Computer Interaction using MNE Python - [link](#), [report](#)

Jun 2023 - Dec 2023

- o Deployed Convolutional Neural Network and Logistic Regression for classifying EEG brain signals into ERPs and BCIs. The project delivered remarkable precision (88% for CNN and 94% for LR) by improving noises inside the signal and applying filtration.
- o Applied Multiply Accumulate Active Pool (MAAP) to condense the CNN network to make it hardware friendly solution.
- o Technology Stack: Python, Pandas, NumPy, TensorFlow, Scikit-Learn, Keras, MNE Python