

# YASH HARALE

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## EDUCATION

**Northeastern University, Boston, USA**

**Dec 2026**

*Master of Science in Data Analytics*

**Relevant Course:** Foundation of Data Analytics, Database Management and Analytics, Data Mining, Computation and Visualization

**Mumbai University, Mumbai, India**

**Jun 2024**

*Bachelor of Engineering in Electronics*

**Relevant Course:** Database Management System, Advance Database Management System, Programming for Problem Solving, Internet Programming, Operating Systems, Real Time Operating Systems, Cybersecurity and Laws

## TECHNICAL SKILLS

**Programming Languages:** Typescript, SQL, Python, Javascript, Solidity

**Frontend Tools:** NextJS, ReactJS, ViteJS, Tailwind CSS, Framer, Bootstrap

**Backend Tools:** NodeJS, ExpressJS, MongoDB, Firebase, Hardhat, Metamask

**Data Analysis Tools:** Tableau, PowerBI, MySQL, NoSQL, Microsoft Excel

**Software and Technologies:** Git, VS Code, Jupyter Notebook, Docker, Figma

## PROFESSIONAL EXPERIENCE

**Fiveline Healthcare, Mumbai, India**

**Feb - May 2024**

*Chief Technology Officer (Startup)*

- Led a technical team of 6 to ensure platform scalability, backend efficiency, and alignment with business goals
- Advised the team on website optimization with advanced caching, API integration, data management and microservices
- Streamlined client-doctor matching through automated workflows and secure data protocols to improve healthcare access

**Sartha Education, Gujrat, India**

**Aug - Dec 2023**

*Chief Technology Officer (Startup)*

- Integrated software solutions to link students with expert teachers and top ranked students
- Designed and developed a user-friendly website using modern web frameworks such as Next.JS and MERN Stack
- Enhanced Sartha Education's online presence by 40%, broadening audience reach by providing statistical visualizations

**Thakur College of Engineering and Technology, Mumbai, India**

**Aug 2023 - Jun 2024**

*Technical Co-Ordinator*

- Collaborated with the college's technical teams to identify and address software development needs, contributing to infrastructure improvements and enhancing project outcomes with dynamic dashboards by 30%
- Advised students on coding skills and innovative technologies like AI, DS, and AIML, preparing them for competitive careers

## ACADEMIC PROJECTS

**Enterprise Resource Planning System**

**Aug 2023 - Jun 2024**

- Designed and developed the college ERP system using the React JS with Tailwind CSS and Material UI to centralize operations, providing seamless access for over 100 students and staff and improving data accessibility by 40%
- Collaborated with the college administration to automate and optimize workflows, utilizing Node JS, Express JS & MongoDB for backend efficiency, reducing manual errors, and enhancing departmental communication by 30%
- Improved operational efficiency by integrating a simplified, accurate data system with SQL & NoSQL that connects smoothly across departments

**College Crux**

**Aug - Dec 2023**

- Developed and integrated College Crux into the official admission portal using the MERN stack, streamlining the college selection process by predicting admissions outcomes based on students' entrance exam scores
- Utilized TensorFlow machine learning techniques and AI-driven analysis on historical admission data to build a predictive algorithm with high accuracy, delivering valuable insights
- Enhanced students' decision-making process by providing D3.JS data-driven visualizations and insights into their admissions chances, making the selection process more informed and accessible