

Harshiv Patel

+1 (263) 388-1257 | pharshiv10@gmail.com | Thunder Bay, ON | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Full Stack Developer

Software Engineer with experience in building and deploying scalable architectures, designing modular user interface (UI) components with modern technologies like React.js, TypeScript, and Python. Leveraged multiple programming languages and frameworks to deliver high-quality code. Worked with teams to develop RESTful APIs and integrate with third-party services that expanded application capabilities. Capable of innovating and implementing user-friendly software solutions that troubleshoot technical issues and boost user engagement. Committed to staying abreast of industry trends and embedding cutting-edge practices into development processes.

CORE COMPETENCIES

Code Quality & Reliability | Machine Learning & Data Analysis | Unit Testing & Bug Reduction | Agile & Scrum Methodologies
Intelligent Data Extraction | Full-Cycle Web App Development | UX/UI Design | Microservices Architecture
Data Visualization | Performance Optimization | Technical Documentation | Feature Integration | SEO

TECHNICAL SKILLS

JavaScript | Python | TypeScript | C# | C++ | Java | React.js | Node.js | Express.js | HTML | CSS | Django | Redux | Next.js | MySQL
| MongoDB | Firebase | Chakra-UI | Material-UI | Bootstrap | CI/CD | Git | GitHub | VSCode | Postman | JIRA | Docker | Heroku

EDUCATION

M.Sc. Computer Science Lakehead University, Thunder Bay, Ontario (CGPA: 3.56)	Sep 2022 – Sep 2024
B.Tech. Information & Communication Technology Ahmedabad University, Gujarat, India (CGPA: 3.34)	Jul 2017 – May 2021

KEY PROJECTS

- **BooXchange**: Developed a MERN stack web app for renting and lending learning resources using Agile principles.
- **Unified Club Portal**: Created a MERN stack platform for clubs to interact with students, winning 2nd prize at WMC 2.0 Hackathon.
- **Gaze Following**: Built a SaaS pipeline for identifying gazed objects in images, utilizing ML models and AWS EC2.
- **Process Scheduling Simulator**: Implemented scheduling algorithms with visualizations using Java for process execution simulation.

PROFESSIONAL EXPERIENCE

Software Developer Intern | Ceridian – North York, ON | May 2023 – Dec 2023

- Achieved zero failed tests out of 20, maintaining code quality and application reliability by conducting code reviews, debugging, and troubleshooting via automated testing by Selenium and C#.
- Leveraged machine learning, technical documentation, and data analysis skills in Python to develop the Smart Copy Week feature for employee schedules.
- Attained over 80% code coverage across multiple backend modules & reduced bug rates by creating extensive unit tests in JavaScript.
- Arranged meetings, sprint planning, and retrospectives as Scrum Master to enhance project outcomes.

Software Engineer | Curl – Karnataka, India | Apr 2022 – Dec 2022

- Extracted essential information from the digitized documents using an Intelligent Data Extraction platform, Sara CF.
- Boosted product performance and user satisfaction by crafting a scalable, responsive UI and implementing features aligned with client requirements using React.js, Chakra-UI, and Typescript.
- Delivered full-cycle development of web and single-page applications from initial design to final deployment.

R&D Engineer | SnowM – Remote | Jul 2021 – May 2022

- Streamlined client management by optimizing and debugging the company's internal product, improving device, user, and business management capabilities through developing and maintaining scalable microservices with Node.js and Docker.
- Corroborated stability and functionality of deliverables post-updates utilizing React.js and Material-UI under Scrum Master guidance, adhering to agile methodologies.

Web Developer Intern | KlaasX – Kolkata, India | Jan 2021 – Jun 2021

- Increased client interest and enhanced internal communication by developing a timer-based quiz and a chat application for tutors and students.
- Revamped data visualization for multiple learning institutes by integrating attendance and grade features with Django and d3.js on the analytics platform.
- Minimized loading time from 8 seconds to 3 seconds by developing landing pages for an Ed-tech platform using React.js.

CERTIFICATIONS

Applied Machine Learning (Link) Python for Everybody Specialization (Link) University of Michigan – Coursera	2020
HTML, CSS, & JavaScript (Link) Data Scientist's Toolbox (Link) Johns Hopkins University – Coursera	2020
Neural Networks & Deep Learning (Link) DeepLearning.AI – Coursera	2020
Data Scientist & Machine Learning Track with Python (Link) DataCamp	2019