

AKASH YADAV

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Portfolio: <https://melodious-queijadas-f7aa64.netlify.app>

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GitHub: <https://github.com/akash4142>

PROFESSIONAL SUMMARY

Self-motivated and results-driven Software Developer with hands-on experience in full software development life cycle(SDLC), specializing in both frontend and backend web development . Strong knowledge in React.js , TypeScript, JavaScript, Ruby on Rails, Django and artificial intelligence (AI) applications. Skilled in object-oriented programming , multi-threaded systems , deep learning , and Docker. Known for technical problem – solving abilities , providing innovative solutions , and collaborating across cross-functional teams in startup environments. Experienced in product research , product enhancement , and release cycles . Proficient in Microsoft Office applications , Excel , and information systems. Adept at documentation and presenting recommendations for continuous product improvement.

AREA OF EXPERTISE

Frontend:

- HTML5, CSS, JavaScript , React.js, TypeScript, React Native, Redux, UX/UI, Responsive Design, AngularJS, Webpack , jQuery, Bootstrap
- Web development , testing frameworks (unit , integration , end-to-end , automated tests)
- Cross-browser compatibility, Debugging , code review and automated tests
- User experience design and feedback-driven development

Backend:

- Ruby on Rails, Python, Node.js, Django , Express.js, REST APIs, JSON, C++, C#, JavaScript, Redis, Elasticsearch, ColdFusion
- Microservices architecture, cloud infrastructure (AWS, Azure, Heroku), Redshift, RDS , Docker , multi-threaded systems and Linux environments
- Data-driven approached for backend development , scalable technical architectures, and solutions for enhancing software reliability.

Database:

- MongoDB, PostgreSQL, MySQL, SQL, Redis

Development & Operations:

- GIT, GitHub, Jira, CI/CD, Version Control , Docker , Financial Planning, SaaS product architecture
- DevOps, Continuous Integration and Deployment ,google cloud
- Strong documentation practices for efficient collaboration and release management

Tools & Technologies:

- Microsoft Excel , Agile Scrum, Automated tests, Machine Learning (ml) models , AI concepts , Content Management Systems , PHP , photoshop , Illustrator

- Skilled in product research, product enhancement and leveraging technologies like AI for real-world solutions

Soft Skills:

- Written and verbal communication skills , collaborative, Leadership, Team Collaboration, Adaptability, Attention to Detail, Problem-Solving, Continuous Learning
- Proven ability to work effectively with cross-functional teams to deliver innovative software solutions

CAREER EXPERIENCE

Full-Stack Developer Intern

GAO Tek Inc., Toronto

Jan 2023 – May 2023 | (PL/SQL, C++, C, Python, React.js, TypeScript, HTML, CSS, Node.js, MongoDB, Webpack, UI Design, Test Automation, Redis)

- Promoted to Sub Team Leader, responsible for managing tasks in an Agile Scrum team environment.
- Developed user interfaces (UI) using HTML, CSS, ReactJS, and TypeScript, ensuring high-quality, responsive design for cross-browser compatibility.
- Worked on automated tests to ensure quality code in different stages of development.
- Involved in Webpack optimization for efficient JavaScript(JS) bundling.
- Implemented Redshift for data analysis and RDS for cloud-based database management.
- Utilized Redis to improve back-end performance and scalability , focusing on technical solutions for performance bottlencks
- Declared "Intern of the Month" twice for outstanding contributions.

Tutor (Math and Computer Science)

Club Z, Toronto

Jan 2023 – Current | (HTML/CSS, JS, React.js, TypeScript, Calculus, Linear Equations, C#, Algorithms)

- Provided tutoring in computer science and mathematics, focusing on programming languages (Java, Python, C++) and data structures and algorithms.
- Developed tailored lesson plans to cater to students' individual learning styles.
- Kept updated with advancements in computer science, including artificial intelligence (AI) , sharing industry trends and best practices with students.

PROJECTS

Ecommerce Site

- Tech Stack: HTML5, CSS, Vanilla JavaScript(JS), TypeScript, Node.js, Webpack
- Integrated automated tests for UI and functionality testing
- Designed for cross-browser compatibility
- Demo: <https://endearing-maamoul-18320a.netlify.app>
- Source Code: <https://github.com/akash4142/EcommerceSite>

We-Social

- Tech Stack: React.js, Node.js, MongoDB, WebSocket.io, TypeScript
- Integrated test automation to ensure continuous delivery and deployment pipelines
- Demo: <https://we-social-brown.vercel.app>
- Source Code: <https://github.com/akash4142/WeSocial>

Real-Time Chat App

- Tech Stack: HTML5, CSS, WebSocket.io, JavaScript (JS)
- Source Code: <https://github.com/akash4142/realtimechat>

Tim Bank

- Tech Stack: PostgreSQL, Encrypt.js, Express.js, Node.js
- Source Code: <https://github.com/akash4142/timbank>

EDUCATION

Associates Degree in Computer Science

Seneca College

Sept 2022 – Dec 2023 | GPA: 3.7/4.0

Senior Secondary

Physics, Chemistry, Math | GPA: 4.0/4.0

Graduated 2021