

# Yigit Ocak

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## EDUCATION

### BrainStation Bootcamp

Toronto, ON

Full-stack Development

Feb 2024 – May 2024

- o **Concentrations:** Intelligence and Modeling/Simulations
- o **Related Coursework:** ReactJS, Socket.io, JavaScript, ExpressJS, KnexJS, MySQL, TypeScript, MongoDB, TailwindCSS.

### Seneca Polytechnic

Toronto, ON

Computer Programming

May 2022 – Jan 2024

- o **Concentrations:** Intelligence and Modeling/Simulations
- o **Related Coursework:** Computing in C, and C++, Data Structures & Algorithms, Objects & Design, Object-Oriented Programming, Statistics & Applications.

## EXPERIENCE

### Bunny Media

Toronto, ON

Software Developer (Remote)

June 2024 – Present

- Engineered a React Native application to enhance user interface consistency across platforms, leading to a 15% increase in user engagement by improving overall user experience.
- Architected RESTful APIs with Node.js and Express.js to optimize data retrieval processes, achieving a 30% reduction in retrieval time and enhancing system efficiency.
- Collaborated with UI/UX designers and AI experts to meet 100% of client requirements on time, ensuring the success of multiple projects.

### Plearn Speciality Coffee

Toronto, ON

Software Developer (Hybrid)

May 2023 – June 2024

- Managed both back-end and front-end aspects of the development process, resulting in a 10% improvement in website load times.
- Built responsive websites using media queries, increasing mobile traffic by 15%.
- Implemented secure authentication protocols, leading to a 20% decrease in unauthorized access attempts.

## PROJECTS

### BrainTeaser AI

Toronto, ON

Team Lead

June 2024 – July 2024

- Designed a web application integrating AI to assist users with brain teasers, resulting in over 500 daily active users within the first month.
- Developed interactive AI-powered features, leading to a 20% increase in user retention and improved engagement.
- Ensured full responsiveness across devices, achieving a 98% mobile usability score and enhancing user experience.

### PPO-Online

Toronto, ON

Team Member

Feb 2024 – May 2024

- Contributed to the development of a web-based multiplayer fighting game, receiving 95% positive feedback.
- Designed RESTful APIs with Express.js and Knex.js, reducing server response time by 35%.
- Enabled real-time communication in multiplayer games using Socket.io, ensuring zero latency issues.

## Ongoing Education and Certifications

### Harvard CS50Web / CS50X

Toronto, ON

Web Development / Computer Science Student

June 2024 – Present

- Pursuing a certificate in programming languages and frameworks such as JavaScript, Python, Django, SQL, and web development concepts like algorithms, data structures, security, and software engineering.

## SKILLS

**Programming:** React + hooks, Context API, JavaScript, TypeScript, HTML5, SCSS, TailwindCSS, Redux, Node.js, Knex.js, Express.js, Socket.io, Discord.js, MySQL, MariaDB, PostgreSQL, SQLite, MongoDB, Redis

**Tools:** AWS, WebStorm, Bash, Heroku, Vercel, Cloudflare, Git, GitHub, JWT, OAuth2, Passport.js