

London, United Kingdom

brodskiedward@gmail.com Frontend-Centric Full Stack Developer

Edward Brodski

[linkedin.com/in/edward-brodski](https://www.linkedin.com/in/edward-brodski)

Portfolio Website

www.edwardbrodski.com

Passionate Full Stack Developer with 2 years of commercial experience developing KYC and web3 applications using a NodeJS, TypeScript, React, and GraphQL tech stack, complemented by over 7 years of extensive experience in software development, encompassing Data Analytics and diverse application projects. Additionally, I have achieved a Master's degree in Computer Science at Queen Mary University of London.

WORK EXPERIENCE

Project Manager

Jun 2022 — Sep 2022

NDB

Remote

- Led the design team in optimizing workflows and task descriptions, ensuring seamless project execution from concept to implementation
- Administered community resources and spearheaded the development of custom Discord and Telegram bots, enhancing marketing outreach and community engagement.
- Led the restructuring of the Kanban system, replacing irrelevant tasks with current, actionable items to align with business goals.
- Conducted comprehensive evaluations of completed work, scrutinizing user interaction, security, and performance to uphold high-quality standards.
- Successfully optimized the code review process, achieving a 100% improvement in turnaround time for approvals and significantly enhancing efficiency in the development cycle.

Frontend Developer

Aug 2020 — Feb 2022

OptimumSoftware

Remote

- Specialized in front-end development using React: crafted a custom UI library, designed input interfaces, and optimized cross-device scaling to ensure responsive and consistent user experiences.
- Collaborated in the expansion of the internal GraphQL API systems, adding new queries to support evolving application needs.
- Worked with designers to refine the quality and presentation of information across multiple web platforms.

PROJECTS

Context-Free-Grammar Equivalence Research Project, Python, NumPy, Pandas

Jun 2021 — May 2022

- Produced the first Open Source implementation of a state-of-the-art algorithm for evaluating grammar equivalence.
- Developed testing methods for the evaluation of different approaches presented by other works as well as my own.

Personalized Finance Assistant, Python, Pandas, Tk

Aug 2022 — Jul 2023

- Developed infrastructure to ingest and unify different transaction streams into a single database.
- Implemented an integrated labelling and tagging system.
- Designed and produced a GUI application for the classification and analysis of data providing an integrated view of graphics and tables.

Intelligent Early Wildfire Detection, Python, Pandas, PyTorch

Sep 2022 — Jun 2023

- Researched Wildfire smoke patterns and developed as system for automatically generating fire patterns for AI training and testing.
- Carried out Data Analysis and validation for the generated datasets.
- Trained a final model which reached an accuracy of 96.72%.

Snake Evolution, Python

Mar 2019 — Oct 2020

- Designed a flexible grid based ecosystem with a graphical output.
- Developed a gene system and offspring gene randomization for the snakes.
- Added data analyzation systems such as live graphs and decision visualizations.

EDUCATION

MSci Computer Science — First-Class, Queen Mary University of London

Sep 2019 — Jul 2023

Senior School, Millfield, Computer Science — A*, Further Mathematics — A, Mathematics — A*, Physics — A

Sep 2017 — Jun 2019

TECHNICAL SKILLS

Programming Languages

Python, TypeScript, JavaScript, C++, Java, PHP

Technologies

Node.js, React, React-Native, Next.js, REST, GraphQL, AWS, SQL, HTML, CSS, NumPy, Pandas, PyTorch

Tools

Git, GitHub, Linux, Docker, Fusion 360, Jira, Figma, ClickUp

Professional Skills

Communication, Organisation, Analytical thinking, Creativity and Innovation, Integration Testing

Additional Courses

MHFA(Mental Health First Aid) England

Completed in Jan 2023