

VALENTIN-MARIO PARASCHIV

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EXPERIENCE

Software Engineer

Freelance

September 2023 – Present

London, United Kingdom

Programming Tutor

Code Ninjas

August 2022 – September 2023

Borehamwood, Hertfordshire

- Enhanced students' programming skills by teaching and mentoring through a game-based curriculum with JavaScript, C++, Java, and Python, resulting in significant skill development.
- Improved team efficiency by implementing my software development skills and creating automated tools, which saved time and significantly boosted overall productivity.
- Increased children's interest in programming by using teamwork to break down complex concepts into easy-to-understand components, leading to more engagement.
- Demonstrated presentation and facilitation skills in leading summer camp programmes with sessions of up to 30 children in various technical disciplines such as algorithms, OOP (object-oriented programming), and functional programming.
- Drove a 20% increase in organic sign-ups to the education centre by engaging prospective families through 'taster' sessions, resulting in higher enrolment rates.

Software Engineer

Code Ninjas

June 2022 – August 2022

North Finchley, London

- Tasked with sole responsibility for creating the Ninja Monitoring Tool through responsive web development using Next.js & React to improve progress tracking for students, resulting in a close to 20% productivity boost for tutors.
- Improved data read/write speeds by implementing Redis as the database for the project.
- Used Git for version control along with branches leading in 60% less production errors or crashes allowing for rapid prototyping of features while keeping production error-free.
- Reduced errors in the Ninja Monitoring Tool by carrying out detailed unit testing and debugging.
- Ensured uptime and reliable performance for the Ninja Monitoring Tool by deploying it on AWS for production and Heroku for development.
- Carried out tutoring responsibilities for students when there were no new functionalities to be developed for the Ninja Monitoring Tool.

IT Support Specialist

Barnet and Southgate College

Feb 2022 – July 2022

London, United Kingdom

- Solved file access issues by configuring Group Policy user groups on a per-directory basis, leading to a 30% reduction in access issues for Microsoft and Adobe software, as evidenced by a decrease in related support tickets.
- Diagnosed and repaired faulty computers by isolating issues to specific hardware components, enabling targeted repairs and increasing overall revenue by preventing waste.
- Resolved numerous machine issues by reconfiguring them, significantly decreasing future support tickets from the same users and increasing productivity for both the support team and users.
- Improved fault tolerance by enforcing user policies to avoid unwanted behaviors, resulting in a 20% decrease in support inquiries.

EDUCATION

Lancaster University

Bachelor of Science in Computer Science

Lancaster, United Kingdom

PERSONAL SKILLS

Active Listener, Adaptability, Effective Communicator, Empathetic Team Player, Patient Problem Solver, Gentle Leader, Positive Attitude, Passionate Programmer, Critical Thinker, Detail-Oriented, Collaborative Mindset, Continuous Learner, Lean Startup Mindset

LANGUAGES

English (Professional), Romanian (Mother Tongue)

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Go

Frameworks/Libraries: React.js, Next.js, Solid.js, Astro, Svelte, Tailwind CSS, Post CSS, SASS/SCSS, Express.js, Fastify, Electron, Puppeteer, Gin, Gorm and many more REST frameworks and front-end libraries...

Databases: MongoDB, PostgreSQL, Redis, Firebase, SQLite, MySQL

Runtimes: Node.js, Deno, Bun

Design: Figma, Canva, Adobe Photoshop

CI/CD: GitHub Actions, CircleCI

Tooling: AWS, Docker, Rollup, Webpack, Vite, swc, npm, pnpm, yarn

Version Control: Git, GitHub, Git Lab