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ALEKSEJ BARYSNIKOV

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EXPERIENCE

App Development, Intern   **Unlocking Language**   **Spring 2023**
- Designed a Wireframe of an interactive learning tool (Figma)
- Followed the Laws of UI/UX to ensure a positive experience for users

EDUCATION

Computer Science with Management (BSc) – Queen Mary University of London *(Sep 2022 – Jun 2025)*
- Modules: Software Engineering Project, Object Oriented Programming, Distributed Systems, Security Engineering, Web Programming
- Predicted Grade: Upper Class 2.1

International Baccalaureate & IGCSE – Prague British International School (Sep 2009 – Jun 2022)
- Classes: Computer Science (IGCSE) & Computer Science HL (IB), Mathematics HL (IB)
- IGCSE Grades: 4 A*s & 4 As (4.0 GPA)
- IB Grades: 6, 5, 5 in Higher Level subjects Computer Science, Mathematics and History (3.5 GPA)

TECHNICAL EXPERIENCE

Projects

API-Track – React JS, Express, Node JS, Firebase, PostgreSQL (Neon), Tailwind CSS – *Personal Project*
- Engineered an Image Gallery to facilitate image uploads
- Leveraged Next JS app router for improved user experience
- Implemented OAuth for improved user Authentication

Image Gallery – Next JS, Typescript, Node JS, Drizzle ORM, PostgreSQL, – *Personal Project*
- Developed a software to track and analyse 3rd party API usage in Web Apps
- Provided data visualisations on error rates, monthly request quotas and other insights to aid other developers in their work

Portfolio Website – React JS, Contentful CMS – *Personal Project*
- Designed and deployed Personal Portfolio Project to showcase my work
- Integrated a CMS for more efficient experience updating content
- Set up automatic CI/CD from GitHub commits

Employee Portal – React JS, Contentful CMS – *Academic Coursework*
- Implemented HR employee management features: pay slip issuing, and task management
- Optimised database look-ups via indexes
- Set up Version Control Dev environment for 8 developers

Languages and Technologies
- Languages: JavaScript, TypeScript, SQL, HTML & CSS, Java, Python
- Technologies: Node JS, React JS, PostgreSQL, Tailwind CSS
- Other: RESTful APIs, Git, OAuth, JWT, CI/CD