# Andrey Popov

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Motivated software engineer with a strong command of fundamental languages, including Python, React and Java, and proficiency in web development, cloud computing, and agile methodologies. Having a strong work ethic, I can tackle complex and unfamiliar tasks with responsibility, creativity, and dedication.

## EXPERIENCE

**Software Engineer** — Apr. 2023 – Sep. 2023 (6 months)
*Minimax Labs Limited* — *London, UK*
- Developed a B2B desktop app, based on the Eclipse Platform using the Java, SWT, and EMF framework
- Delivered a key feature ahead of schedule, solidifying the company's success in an early showcase to a new client
- Created many new UI components implementing tools for LNG optimization and patched existing functionality
- Took responsibility for the long-term project and presented result feature in a client demonstration call
- Produced a new company website Frontend, responding quickly and patiently to ever-changing requirements
- Supplemented source code with comprehensive JUnit tests to ensure system stability

**Undergraduate Teaching Assistant** — Oct. 2022 – Mar. 2023 (7 months)
*Imperial College London* — *London, UK*
- Organized and led 17 people workshops about Git, SQL and other software engineering tools
- Tutored Java, Kotlin and Haskell to a group of eleven first-year students, adapting to diverse learning needs
- Performed code reviews and provided personalised feedback, guidance and individual mentorship

**Computer Science Private Tutor** — July 2022 – Present (2+ years)
*Self-Employed* — *Worldwide, Remote*
- Helped many people and learned how to deliver complex information clearly and simple to understand
- Developed tailored lesson plans, optimizing Python, C/C++, and Java learning for over 20 students
- Promoted practice by guiding the interactive app coding projects in SDL2 and Pygame Zero graphics libraries

## PROJECTS

**Pokemon Help Centre** | *Python, Django, Flutter, Sqlite* — June 2024 – July 2024
- Developed a user enquiry processing application, with Pokemon data fetched from PokeAPI
- Wrote Backend in Django, including REST framework with SQLite database
- Implemented mobile app frontend with Flutter, where users can authenticate and submit enquiries

**Scaling Extreme Startup** | *Python, Flask, React.js, Docker, AWS, MongoDB* — Oct. 2022 – Jan. 2023
- Working in a group of six created an educational tool for an MSc course at Imperial College
- The project deliverable application has been successfully applied on Deutsche Bank's CI/CD workshop
- Developed a dockerised web application using Flask serving a REST API with React frontend
- Played a key role configuring AWS Lambda, SQS and DynamoDB into flexible horizontally scalable system

**Project MmmmBoxes** | *Python, Flask, JavaScript, Pytest, SQL (Postgres)* — May 2022 – June 2022
- Solved an existing problem in the managing of the package collection at universities
- Configured CI/CD pipeline that tests and deploys Flask Web application on Heroku
- Worked in a team of four with regular customer interaction for continuous feedback

**SAT: Self-Attachment Therapy Platform** | *Python, Flask, JavaScript, Unity, SQLite* — Oct. 2023 – June 2024
- Developed cross-platform Unity 3D game that helps patients follow the SAT protocol in psychotherapy
- Continuously delivered production Flask website facilitating WebGL game hosted on Apache VPS

## EDUCATION

**Imperial College London** — London, UK
*MEng in Computing* — *Oct. 2020 – July 2024*

## TECHNICAL SKILLS

**Languages**: Python, SQL, JavaScript, Java, C#, C/C++, Kotlin, HTML/CSS, Haskell
**Frameworks**: Django, React, Pytest, Eclipse EMF, JUnit, Flask, Flutter, Android SDK
**Developer Tools**: Git, Docker, AWS, GitLab-CI, Firebase, Unity, Godot, Apache HTTP Server
**Libraries**: Requests, Boto3, NumPy, Pandas, Psycopg2, SDL2, SWT, Retrofit, TKinter, ANTLR