

Work Experience

Junior Software Engineer

Infobip, London, United Kingdom

Sep 2021 – Present

- Working as Junior Software Engineer to bridge event communication and synchronize actions from Infobip Client Platform to Salesforce.
- Tech: Kotlin, Java, Kafka, Docker.

Software Engineering Intern

Kick-Start, Bucharest, Romania

Jul 2021 – Aug 2021

- Working with a team of innovators to transform ideas into functional products. I worked on both frontend and backend of a decentralized progressive application.
- Tech: ReactJS, including Express.js, Node.js and React Bootstrap.

Informatics Teaching Assistant

King's College London, London, United Kingdom

Sep 2020 – Jun 2021

- Teaching C++, Scala and Database Systems
- Engage with students and create a comfortable online environment where we interact with our cameras open.

Software Engineering Intern

OpenMarket, London, United Kingdom

Jun 2020 – Sep 2020

- Starting project from scratch. Overseeing project structure and taking care of the CI/CD operations.
- Respond directly to deployment issues, test and analyze the causes.
- Tech: boost Java programming skills, enlarging my knowledge of Kafka.

Software Engineering Intern

OpenMarket, London, United Kingdom

Jun 2019 – Sep 2019

- My responsibilities included improving the system by analysing the issues and coming up with my own solutions that were acknowledged by the team and finally implemented.
- Tech: Java, Python, Kafka, Jenkins, Graphite and Ansible for scripting.

Education

MSci Computer Science with Software Engineering (Hons)

King's College London, London

2017 – 2021 (4th year)

- First class honours
- Dissertation on Security of Microsoft Teams - Discovered vulnerability in a third party application available in Microsoft Teams app store. Formally disclosed and acknowledged by the developers with a bounty reward.

High-school Diploma,

'Emil Racovita' National College, Cluj-Napoca,

2013 – 2017

- **Mathematics: 10/10 (AAA)**
- **Computer Science: 9.60/10 (AAA)**
- **Romanian Language and Literature: 9/10 (ABB)**

Skills

Programming (experience in order of appearance): Java, Python, Kotlin, C++, JavaScript, Scala, Ansible

Software & tools: Spring, Kafka, Docker, Node.js, Express, Flutter, React, Jenkins, Gradle, Maven, Prometheus, Git.

Languages: English (fluent), Romanian (native).

Projects

- **RaspInteract:** face-recognition, Raspberry Pi based robot – uses technologies varying from Google Cloud up to Nexmo API.
- **CryptoSkills:** finance application for training cryptocurrency enthusiasts in achieving good predictions of the stock market.
- **FinAhead:** finance application for beginner investors over London Stock Exchange – Winner Local-Hack-Day 2017 second place.

Activities and positions of responsibility

- **Romanian and Moldavian Society, Vice-president** – King's College London, 2020 – 2021
- **Robotics Society, teaching assistant** – King's College London, 2018 – 2019. Actively joining society events, teaching and helping students.
- **Olympiads** – 2012 – 2013 Gold and bronze medals for mathematical intercounty contests and Olympiads.
- **Volunteering** – 2019 London Marathon Events: London Marathon and Swim Serpentine. Raising funds for children with cancer.
- **RITTO Romania** – 2014 Cluj-Napoca: Helping people with disabilities play table tennis.

Links

GitHub: <https://github.com/Horiapavel98>

LinkedIn: <https://linkedin.com/in/hpavel>