

ANDREI STRATILA

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EXPERIENCE

Software Development Engineer @ Adobe

📅 Apr 2022 – present 📍 Bucharest

- Working in a collaborative cross-geography team environment to build, document, test, monitor and/or review functionalities for the new Adobe Express in Creative Cloud.
- Developer specialized in delivering features across all application layers, focusing on Presentation, Typography and GenAI areas.
- Mentoring interns and junior software developers via presentation, pair-programming and guidance.
- Technologies: TypeScript, JavaScript, Node.js, Lit, MobX, WebComponents, HTML & CSS, WebAssembly, C++

R&D Engineer @ Amiq EDA

📅 Sep 2019 – Apr 2022 📍 Bucharest

- Developer for Eclipse based IDE and a code linter product, with a passion for creating intuitive and efficient software solutions.
- Some of my responsibilities are: hands-on development with Java and JavaScript, code reviews, customer interaction.
- Technologies: Java, JavaScript, Node.js, Eclipse Platform

Software Engineering Intern @ Amiq EDA

📅 Jun 2019 – Sep 2019 📍 Bucharest

- Worked on DVT Eclipse, an IDE with compiler and various capabilities for hardware languages using Java.

Member, Open Source Community and Dev Lab @ ROSEdu

📅 Mar 2018 – June 2018 📍 Bucharest

- Contributed to an **open source project**, GNOME Files (Nautilus) with the help of a mentor, main tech stack: C & GTK Project

PROJECTS

BeeFriend - Socialization Web Platform

- Socialization platform for students for finding and organizing events with a recommendation system implemented from scratch.
- Technologies stack used: Angular, Java Spring, MySQL, third-party integration (Pusher, Firebase, Google API), Amazon Web Services (Elastic Beanstalk, RDS, Route 53, SES).

WhereToStudy - Web Platform for reviewing schools

- Platform for reviewing schools that allows users to provide ratings and feedback on various aspects of educational institutions, such as the quality of teaching, facilities, and campus life.
- Technologies stack used: React, Java Spring, OAuth2, PostgreSQL

Quiz Application

- Member of a 3-person team that created an application for quizzes and competitions with an architecture based on microservices.
- Technologies used: ExpressJS, NodeJS, JavaScript, PostgreSQL, Docker and Docker Swarm.

Filters image with distributed computing

- Design a distributed application that applies filters (blur, sharpen etc.) on images improving execution time with a 30% speedup
- Technologies used: C and MPI (Message Passing Interface).

COMPUTER SKILLS

Languages:

• TypeScript • JavaScript • Java • HTML • CSS • C & C++ •

Frameworks and libraries:

• Node.js • React • MobX & Redux • Lit • Angular • Spring • JUnit • Web Components • Mocha.js •

Database management:

• MySQL • PostgreSQL • Firestore • NoSQL databases • Redis •

Cloud, DevOps tools and others:

• Git • AWS • GCP • Docker • npm • rush • Maven • Linux • CircleCI •

Project management tools:

• Jira • Confluence • Retrium •

STRENGTHS

Problem solving and debugging skills

Algorithms & Data Structures OOP

Web Development & Performance

Great communicator Teamwork

Test Driven Development Agile

EDUCATION

Bachelor of Computer Science
University POLITEHNICA of
Bucharest

GPA: 9.33 / 10 & Thesis degree 10 / 10

📅 Sep 2017 - July 2021

OTHERS

🏆 Certificate Cambridge English: C1 Advanced (CAE)
Awarded by British Council RO

🏆 Course: Web App Performance
Awarded by LinkedIn Learning

🏆 Course: Spring & Hibernate
Awarded by Udemy

🏆 Course: Angular and Spring Boot
Awarded by Udemy

🏆 Two participations in the National Olympiad in Informatics