



CONSTANTIN GHEORGHE

Full-stack Developer

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SUMMARY

Dedicated Full Stack Developer with a strong commitment to building innovative web applications. Demonstrated ability to handle significant responsibilities, directly influencing the experience of thousands of clients. Seeking new challenges to apply and expand technical expertise in a dynamic professional environment.

SKILLS

Languages: JavaScript, Java, SQL, Python.

Technologies: NodeJS, Angular, ReactJS, NextJS, RabbitMQ, MongoDB, Typescript, Express, Elasticsearch, PostgreSQL, Prisma, Firebase, Redux, Docker, Spring Boot, TailwindCSS.

EXPERIENCE

2/2024 – Present **3Nbyle Technologies - Full-stack Developer** Company

- Developed and maintained an internal dashboard and backend infrastructure (**5 Java microservices**) to streamline warehouse operations (orders, payments, invoices, inventory, etc.).
- Rewrote the entire application UI in **Next.js** (migrated from **Angular**) and deployed it to a **Docker container**.
- Managed the data architecture to support the data science team's analysis.
- Administered **Kafka clusters and consumers** for data transformations and processing, including clustering algorithms (e.g., k-means) written using **Spring Boot**.
- Handled manipulation and optimization of billions of data points, including over **50 billion customer actions** and data from over **4 million clients**, extensively using **PostgreSQL**.

6/2022 – 2/2024 **Socialinsider - Full-stack Developer** Company

- Worked as part of a team on developing frontend components, visible for hundreds of users, using **Angular** and **TypeScript** and also backend technology, by integrating API services from popular social media platforms (Facebook, Twitter, LinkedIn, TikTok, YouTube, Instagram) using **Node.js**, **Express.js**, **Python**, **RabbitMQ**, and **Elasticsearch**.
- Managed and expanded Elasticsearch clusters by utilizing Ansible scripts to automate cluster provisioning, configuration, and maintenance tasks.
- Also, by working alongside a **team of 5** other interns I have improved my **teamwork** and **communication skills**.

PROJECTS

2/2024 – Present **Bloggr - Turn Notion content into a blog** github.com/costingh/bloggr.so

- Created a web application that uses **NextJS**, **Prisma**, **PostgreSQL**, **Supabase**, **TypeScript** for generating blogs from Notion content. Users can integrate their Notion accounts, and setup a blog on different sub-domains.

9/2023 – Present **PaperChat - AI-Powered Document Conversations** paperchat.io, github.com/costingh/paperchat

- Developed an **AI-powered** chat platform that seamlessly integrates with PDF files, enabling users to engage in dynamic, text-based conversations with their documents, using **NextJS**, **trPC**, **TailwindCSS**, **TypeScript**, **Prisma**, **PostgreSQL**, **Supabase**, **AWS S3** and **OpenAI**.
- Integrated **Stripe** for handling recurring payments and subscription management
- Incorporated **OpenAI** to enable users to have dynamic conversations within the platform and leveraged **Pinecone**, a **vectorial database**, for storing tokenized document text, facilitating easy retrieval.
- Integrated **Google Analytics** to track and analyze user interactions, providing valuable insights for platform improvement.

EDUCATION

10/2019 – 7/2023 **Bachelor's, Computer Science at POLITEHNICA University of Bucharest** University

Relevant coursework: Data Structures and Algorithms, Operating Systems, Object Oriented Programming, Numerical Methods, Databases, Web Programming, Computer Programming.

10/2023 – 7/2025 (Expected) **Master's, Database Administration at POLITEHNICA University of Bucharest** University

Relevant coursework: Oracle Database Administration, Big Data, Advanced Database Systems, Security of Database Systems.

LANGUAGES

English - B2+, **Romanian** - native