Lucas Smith

Senior Software Developer

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SUMMARY

As a senior software developer with more than 6 years experiences, I am responsible for building **Full Stack** Solutions from scratch for a lot of industries including **E-learning** platforms, **Satellite communication**, **Healthcare** and **Finance**. For example, the global healthcare industry that I have participated was valued at around $12 billion in 2023 and is projected to reach $ 20 billion by 2030. I am sure that I will delivery successful result in any kind of industry that you are planning to improve and move forwards.

WORK EXPERIENCE

Senior Full Stack Developer/Lead   *Tallinn, Harjumaa, Estonia*

ELEKS | *Dec 2023 – Dec 2024*

- Led a team of 15 in the development of an online business server using **React.js**, **Redux**, **Hooks**, **Bootstrap 5** and **Pixi.js** for a scalable and responsive front end
- Designed a scalable front-end architecture for **serverless APIs** and **REST APIs** using **React.js**, resulting in improved load times by 40% through optimized code structure and integration of **NoSQL** database.
- Built a backend using **Node.js**, **Java**, **Python**, and **Golang** following modern **OOP** practices, reducing server response times by 50% and increasing system scalability to handle up to 1 million concurrent users seamlessly.
- Integrated various AWS services including **EC2**, **S3**, **AWS EKS**, **AWS SageMaker**, and **AWS Lambda** to build a reliable, scalable cloud infrastructure.
- Created an innovative custom **ChatGPT** solution tailored to project requirements, resulting enhanced user interaction quality while decreasing manual intervention needs by over 35 hours monthly.
- Delivered measurable benefits, enhancing key business areas by reducing API response time by 40%" and "improving user interaction by 30%.

Senior Software Engineer   *Sofia, Bulgaria*

Dreamix | *Dec 2022 – Nov 2023*

- Developed E-Learning website for children, Wellness & Fitness website, Food Delivery & Ride Ordering Platform with **React**, **Next.js** as frontend and **Node.js**, **Express.js** and **Nest.js** as backend by using 100% only typescript.

- Suggested robust and scalable backend solutions, ensuring high performance and security that optimized API response times by 60%, resulting in a smoother user experience.

- Advanced efficient payment processing workflows with **Stripe**, reducing transaction processing time by 40%, which resulted in a 25% increase in successful payments and a 15% boost in user satisfaction.

- Utilized project management tools such as **Jira** and **Trello** to streamline workflows and enhance project visibility.

- Launched OAuth authentication and two-factor authentication (2FA) to enhance user security and streamline login processes, ensuring the protection of user data.

- Proceeded code reviews, offering valuable feedback to enhance code quality and maintain coding standards using **GitLab** and **Bitbucket**.

- Executed the design of robust **CI/CD pipelines**, leveraging **Jenkins**, **Docker**, and **Kubernetes**, resulting in a significant reduction in software development and release cycles.

Software Engineer | Microservice   *North Rhine-Westphalia, Germany*

Avegna | *Jul 2021 – Oct 2022*

- Collaborated in the design and implementation of **CI/CD** and **DevOps** processes for agile projects, accelerating deployment frequency by 70% and reducing production errors by 40%.

- Worked with technologies and platforms such as **Python**, **Java**, **Javascript**, **Git**, **Linux**, **Docker**, **Kubernetes**, **Ngnix**, Jenkins, AWS, used debugging tools like React-**DevTools** for faster debugging and reducing debugging time by 50%.

- Experienced on **TDD**, followed test-first methodology in refactoring projects, wrote unit and integration tests using **Jest**, **Mocha**, and **Cypress**, and test coverage was more than 80%.

- Implemented best practices in **microservices** architecture, enhancing scalability to handle a 200% increase in user traffic and boosting overall performance by reducing response times by 50%.

- Leveraged cloud services such as **AWS**, **GCP**, and **DigitalOcean** to deploy, scale, and manage infrastructure, reducing infrastructure costs by 35% and improving deployment speed by 60%, while maintaining 99.99% system uptime.

Middle Web Developer   *California, US*

- Refactored event management and appointment management system for company internal members by migrating from **HTML** to Angular.
- Maintained a large web application using **HTML**/**CSS**, **JavaScript**, **jQuery**, **PHP**(Laravel) framework, and automated monthly supplier payments billing cycle using **PHP** and **MySQL**. Ran payment programs on a monthly basis and adjusted conditional business logic through a web interface.
- Turned mockups and designs into actual responsive websites and sliced or extracted the PSDs myself when asked, and finished responsive 3-5 pages in less than 72 hours, given specific time frames ranging from 3 to 5 days.
- Contributed to the successful delivery of projects on time and within budget, consistently meeting or exceeding client expectations.

EDUCATION

Aug 2015 – Dec 2019	**RMIT University** **Bachelor's Degree, Computer science**	*Melbourne Australia*

SKILLS

- **Programming Languages**: HTML, CSS, Javascript, Typescript, Python, PHP, C#, Golang, Java
- **Frontend**: React.js, Next.js, Angular 2, Vue.js, Redux, Hooks, React Query, MUI, JQuery, BS5, Tailwind CSS
- **Backend**: Node.js, Express.js, Nest.js, .NET, .NET Core, ASP.NET, Python, Django, Flask, FastAPI, Laravel, GraphQL
- **Database**: MySQL, PostgreSQL, MongoDB, SQLite, MariaDB, Azure SQL, SQL server
- **Cloud and DevOps**: Amazon web services(AWS), Azure DevOps services, Google cloud platform, Docker, Kubernetes, CI/CD pipelines