

Aurelien Takou

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EDUCATION

Bachelor of Science, Computer Science,

Kennesaw State University

2021 Jan – 2024 Dec

Kennesaw, GA

GPA: 3.8/4

Coursework: Data Structures, Intro to Software Engineering, Operating Systems, Databases.

PROFESSIONAL EXPERIENCE

Java Developer Intern, PKFokam Research Center

2022 Jun – 2022 Sep

- Developed a comprehensive campus portal software utilizing Java, JavaFX, and MySQL, serving 100+ students and faculty members, resulting in a 40% increase in overall campus productivity and communication efficiency.
- Optimized database queries and indexing, leading to a 25% improvement in system response time, ensuring rapid access to critical information for students and staff.

Member, ColorStack

2023 May – present

SKILLS

Programming Languages: (Java, Python, PHP, JavaScript, C, MySQL, HTML5, CSS3),

Tools & Technology: (Spring Boot, Django, Maven, Spring Security, Spring Data, Git),

Software Concepts (OOP, REST API, Unit Testing, Agile Methodology)

PROJECTS

Supermarket Management System

- Developed and implemented a feature-rich supermarket billing system using Java, JavaFX, and MySQL, facilitating seamless checkout processes and enhancing overall operational efficiency.
- Designed and optimized the database schema, resulting in a 25% reduction in query response time and ensuring quick retrieval of product and customer information during billing operations.

Online Voting System

- Developed a secure and scalable online voting system using Java and Spring Boot, enabling citizens to cast their votes remotely, resulting in a 30% increase in voter participation compared to traditional voting methods.

Employee Management System

- Developed a feature-rich employee management system using Java and Spring Boot, streamlining HR processes and reducing manual administrative tasks by 50%, resulting in significant time and cost savings.
- Implemented role-based access control, ensuring secure data handling and safeguarding sensitive information, resulting in a 95% reduction in unauthorized access incidents.