

Eugene Adortsu

Senior Software Engineer

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PROFILE

Experienced and dynamic full-stack software engineer with over 8 years of expertise in JavaScript, TypeScript, PHP, diverse databases and web technologies. Proven track record in software design, development, testing, and maintenance, utilizing various programming languages, frameworks, and tools. Specialized in web application development, system design, implementation, and database optimisation. Recognized for entrepreneurial achievements, securing \$100,000+ in pre-seed funding as a co-founder.

SKILLS

Programming Languages: JavaScript, PHP, TypeScript, Node.js, Python, HTML, CSS

Frameworks: React.js, Next.js, Vue.js, Nuxt.js, Angular, Express.js, Nest.js, Laravel

Databases: PostgreSQL, MySQL, MongoDB, Firebase, Redis

Cloud: AWS, GCP, Azure, Linux, Docker, CI/CD, GitHub Actions

Web Technologies: GraphQL, REST APIs, Websockets, RabbitMQ, Microservices, XML

Other: Scrum, Jira, Agile, Unit/ E2E Testing, Git/GitHub, Code Review, Application & Network Security, Swagger, Project Management, Leadership, Problem-solving, Good Communication, Team Collaboration, Design Thinking.

EMPLOYMENT HISTORY

Mar 2023 — Feb 2024

Back End Engineer, Deel

Deel helps tens of thousands of companies expand globally with unmatched speed, flexibility and compliance.

- Implemented a robust permission system to mitigate the risk of unauthorized access, ensuring the confidentiality of sensitive payroll data
- Developed and deployed a middleware solution that dynamically transformed all response IDs from integers to UUIDs; this innovative approach significantly enhanced data security, preventing potential breaches and reinforcing user privacy
- Successfully achieved a set OKR by proactively addressing security gaps and ensuring compliance with the highest industry standards
- Collaborated closely with cross-functional teams to communicate and implement security measures effectively, contributing to a culture of proactive risk management
- Developed and maintained high-performance back-end services

Aug 2020 — Dec 2023

Co-Founder / CTO, Heny

Heny is a travel tech startup with a platform that helps users find authentic African experiences curated by locals.

- Responsible for leading daily Scrum meetings, code reviews, testing, and quality assurance initiatives
- As the main developer, contributed to web and mobile development (Nest.js, TypeScript, Vue.js, Nuxt.js, REST and GraphQL) and was in charge of server administration (DigitalOcean and Google Cloud Platform (GCP))
- Managed a tech team of 10 to 20 professionals
- As a lead developer at Heny, coordinated a team of designers and developers to build and launch the Heny platform, gaining impressive user traction and growth
- Successfully secured \$100,000 in pre-seed funding from a venture capital firm

Jan 2016 — Dec 2022

Tech Lead, SolvelT Solutions

Tech Lead in a fast-growing company that specialises in developing, testing, and implementing software applications. Worked for clients in the education sector, building several websites and school management systems for schools.

- Worked for clients in the eCommerce, retail, automotive, and construction industries
- Managed employees throughout the execution of solutions based on clients' requirements

- Performed full-stack development of web and mobile applications and got mostly involved in consulting to define requirements and planning and manage projects
- Managed other teams of varying sizes
- Handling software audits, testing, and quality assurance
- As co-founder and CTO led a team of developers in delivering tailored solutions to clients while contributing to the company's growth

Mar 2022 — Sep 2022

Senior Full-stack Engineer, Wala Digital Health

Wala offers SaaS software connecting hospitals and donors for critical life-saving transfusions. Built a blood donation and blood bank management platform as a senior software engineer. Integrated a cross-functional team working under Agile development methodologies, participating in weekly sprints.

- Worked on a blood donation and blood bank management platform
- Was responsible for web and mobile API development and maintenance (REST)
- Administrated servers using Amazon Web Services (AWS) and Google Cloud Platform (GCP)
- Developed the product's back end using Express.js
- Developed the front end using React JS and Next JS

Apr 2019 — Aug 2022

Senior Software Engineer, Filly Coder

Filly Coder is a technology development company specializing in computer programming, application development, web development services, and training for individuals and corporate clients. Focused on full-stack development of web and mobile applications.

- Held conversations with clients to develop and consult on the project requirements
- Contributed to full-stack development of web and mobile applications
- Used technologies like Laravel/PHP, Vue.js, Node.js, TypeScript, Firebase, Google Cloud Platform (GCP), Amazon Web Services (AWS), GitHub Actions, REST, GraphQL, PostgreSQL, MySQL, and MongoDB
- Acted as a project manager, and managed other junior engineers on the team.
- Oversaw other developers and conducted code reviews and code testing using PHPUnit

Aug 2021 — Nov 2021

Full Stack Engineer, BlackDice Cyber

BlackDice uses AI cybersecurity and an insights solution that helps operators bring new core services to market quickly. Completed a temporary contract that required working with a cross-functional team of eight professionals.

- Developed a web platform's back and front end for a company offering AI cybersecurity and network intelligence solutions for mobile and broadband operators
- Contributed to developing a web platform using Angular, Node.js with TypeScript, and Vue.js in a microservice architecture

Nov 2019 — Dec 2020

Software Engineer, T3 Data Company Limited

Joined a company using technology to dig through and analyze large data sets to extract meaningful trends.

- Built a dashboard to visualize data using tools like Laravel

- Fulfilled an on-site role, which sometimes required working directly in the bank's headquarters and on their servers
- Collaborated with data analysts and helped extract data from an MS SQL database to another (MySQL)
- Extracted data from CSV files with millions of records, mostly transaction records of the banks
- Developed and managed databases as part of business intelligence client projects for banks

Mar 2018 — Jul 2020

Software Engineer, TalentsinAfrica Limited

Talentsinafrica.com simplifies the recruitment process through a platform that facilitates targeted searches and connects active job seekers with employers, matching them based on specific hiring requirements.

- Handled testing of the platform and other software; developed their back and front ends
- Managed between five to 20 interns simultaneously in multiple departments aside from tech
- Managed the build and launch of the first minimum viable product, which included over 200 companies in the first six months with over 3,000 profiles from job seekers
- Coordinated end-to-end and user testing; run unit tests using PHPUnit

Aug 2017 — Jun 2018

IT Technician, Ghana Armed Forces (Air Force Base)

Was commissioned as part of National Service personnel within the engineering wing. Built a management system for the supply department to manage the entire supply activities of the base

EDUCATION

Jan 2022 — Jan 2024	Master's degree in Cyber Security and Digital Forensics, Kwame Nkrumah University of Science and Technology.
Aug 2019 — Sep 2020	Diploma in Tech Entrepreneurship, Meltwater Entrepreneurial School of Technology
Sep 2013 — Dec 2017	Bachelor of Engineering in Computer Science, Ghana Communication Technology University First Class Honors

VOLUNTEERING

Feb 2023 — Dec 2023	Technical Lead , Loozeele Initiative
Dec 2023	Event Organisation Volunteer , TEDxAccra
Dec 2019 — Dec 2022	Web Developer , Pan African Hackathon
Sep 2019 — Mar 2020	Google Africa Developer Scholarship Mentor , Andela