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Summary

Skilled Backend Software Development Engineer at noon with extensive experience in competitive programming, highlighted by achievements as a 3-time ACPC Finalist. Possesses a robust background in various programming languages and frameworks, including React JS, React Native, Django, and FastAPI. Professional journey includes significant roles at bld.ai and contributions as a mobile developer for the Etlas app. Proactive community leader who led the ICPC SCU team for two years and graduated with honors from the Faculty of Computers and Informatics at Suez Canal University in 2023.

Education

Suez Canal University

Bachelor of Computer Science and Informatics

Ismailia, Egypt

September 2019 — July 2023

- Grade: **Excellent with Honor**
- Achieved an "Excellent" grade for the Graduation Project - [Etlas](#)

Experience

noon

Software Development Engineer (Full-Time)

Cairo, Egypt

February 2024 - Present

- Developed and presented a comprehensive training project, including system design, detailed reporting, and deployment.
- Enhanced proficiency in SQL and Python, and expanded knowledge in information security.

Skills: Git, Github, Backend Development, Python, SQL, GO, JavaScript, Google Big Query, Google PubSub, Information Security (Infosec)

Coademy

Lead Instructor (Part-Time)

Cairo, Egypt

February 2024 - Present

- Created clear and effective course materials for competitive programming.
- Guided and supported aspiring competitive programmers in a collaborative learning setting.
- Headed the training team, overseeing curriculum design and mentoring instructors to enhance education quality at Coademy.

Skills: Git, Github, Coaching, Training, Presentation

bld.ai

Software Engineer (Part-Time)

Remotely

November 2022 - January 2023

- Developed and deployed web extensions that significantly improved user experience by providing additional features and functionalities
- Led web script development for seamless data automation and Google Sheets integration, enhancing operational efficiency

Skills: Scripting, Google API, Git, GitLab

bld.ai

Full Stack Developer Intern (Full-Time)

Remotely

July 2022 - November 2022

- Developed engaging and responsive user interfaces using the mastery of HTML, CSS, JavaScript, Bootstrap, and React JS
- Pioneered the development of robust and efficient server-side applications using extensive expertise in Python, Django, and SQL
- Developed and launched a fully operational Udemmy website using React JS (GitHub - github.com/7oSkaaa/Udemmy-Website)
- Created an efficient script to extract real-time data from the Udemmy website, enhancing data analysis and decision-making capabilities

Skills: HTML, CSS, JS, Bootstrap, React JS, Python, Django, Git, Github, Trello

Volunteer Experience

ICPC Suez Canal Community

Community Head

- Spearheaded the development of the [ICPC-SCU Scoreboard](#) project on GitHub, significantly improving efficiency in tracking progress
- Initiated and managed two successful [Ramadan Challenges](#), including [contests](#) creation and study material distribution
- Created **sessions** and study materials available at [Sessions & Sheets](#)
- **Author and Quality Assurance** Lead for the **Palestinian Collegiate Programming Contest**, ensuring a high-quality competition experience
- Drove the **creation** and **execution** of the highly successful **Palestinian Collegiate Programming Contest (PCPC) in 2023**
- Proficient in evaluating **regional contests** such as AngolaCPC, AlgCPC, and QCPC with meticulous attention to detail

Projects

Etlas

React Native

Graduation Project

- Engineered a cross-platform **React Native app**, integrating machine learning algorithms for statue recognition
- Demonstrated proficiency in crafting **responsive** and **localized** applications
- Optimized information retrieval through **context, states, and refs**, implementing pagination for enhanced performance
- Pioneered **documentation** efforts for the Android app and conducted thorough **unit testing** using GitHub project boards
- Innovated and **developed** an engaging entertainment **game** feature within the application
- Established a streamlined backend architecture, **centralizing** all calls in an abstracted class for improved organization and maintainability
- The source code is readily available on GitHub at [GitHub - Etlas-SCU/Etlas-Android](#)

Portfolio

ReactJS - Bootstrap - HTML - CSS - JS

- Developed a personal portfolio using **React JS** and **Bootstrap**
- Implementing **EmailJs** for the purpose of receiving anonymous messages from website visitors
- The source code is readily available on GitHub at [GitHub - 7oSkaaa/Ahmed-Hossam](#)

Skills

Languages	C, C++, JavaScript, HTML, Python, Java
Frameworks	Django, React JS, React Native
Operating Systems	Windows, Linux
Tools	GitHub, GitLab, Trello, Scripts, API, Figma, Swagger, Tkinter, Beautiful Soup, Selenium
Technical Skills	Problem-Solving, Competitive Programming, Data Structure, Algorithms, OOP
Soft Skills	Communication, Collaboration, Adaptability, Leadership, Time management, Flexibility, Decision-Making
Miscellaneous	Git, Shell, Bash, LaTeX, Regex, Mark Down, Microsoft Office, Google (Sheet/Documents/Presentation)

Honor & Awards

Egyptian Collegiate Programming Contest

23rd place (2023), 26th place (2022), 48th place (2021)

Arab & African Collegiate Programming Contest

49th place (2023), 56th place (2022), 76th place (2021)

Languages

Arabic — Native

English — Advanced