Frede Emnetu

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PROFESSIONAL SUMMARY

Insightful, cultivated and diligent 2022 Computer Science graduate with 3 years of software developer experience across an array of languages, with a proven ability to combine a vision and time management with leadership qualities to deliver prompt and efficient projects. Utilizing systems design and ingenuity to ensure successful product launches.

PROGRAMMING SKILLS

- **Languages**: Javascript, C++, SQL, Java, Flutter, Kotlin, Python.

- **Technologies**: ReactJs, jQuery, Node.Js, Git/Github, Linux, Unix, Ajax, Dart, HTML5, CSS, Object-Oriented Programming, Relational Databases, Data Analysis, Bootstrap, ExpressJS, MongoDB, AWS RestAPI's, EC2, RDS, S3, XML.

- **Hard & Soft Skills**: Algorithms, Data Structures, Testing, Data Management, Analytical, Inventive, Productive, Cooperative, Time Management, Software Development, Organized, Communication, Persistent.

EDUCATION

- **University of Ontario Institute of Technology**   Oshawa, ON
  Bachelors of Science in Computer Science; GPA: 3.72/4.3 - Deans Honours List   *Sept. 2018 – April 2022*

EXPERIENCE

- **Android Developer**   Oshawa, ON
  @Company   *June 2021 - Aug 2021*
  - Decreased runtime by 25% by initializing functions, reducing redundant expressions and reducing memory usage.
  - Used @Protocol to Onboard the @Family application allowing for seamless connection and high security.
  - Used Multi-threading and Socket IO to create Messaging backend, allowing for P2P messaging to meet a business requirement.

PROJECTS

- **Full Stack Developer**   Oshawa, ON
  Ontario Tech University   *Jan 2021 – April 2021*
  - Increased performance levels of clone by 30% by utilizing SQLite3 as a database and NodeJS for web API services.
  - Used React as a front-end framework to create a Twitter Clone with high performance and efficient server-side rendering.
  - Created analysis graphs and API's using Express and D3 to track performance.

- **Back-end Developer**   Oshawa, ON
  Hatchaways   *Sept 2020 – Oct 2020*
  - Decreased runtime by 50% using Web-Worker threads.
  - Developed a JSON RestAPI to fetch data from a website using NodeJS, ExpressJs.
  - Created test cases using Jest to improve troubleshooting.

- **SQL Development**   Oshawa, ON
  Ontario Tech University   *Jan 2021 - April 2021*
  - Increased uptime by 15% by constructing a DDL scripts to automate table insertions.
  - Used Java JDBC library to establish connection to a movie oracle database.
  - Created SQL queries to extract data from Database for data analysis.