Ron Gorai

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SUMMARY

- Overall, 3 years of experience in full-stack, front-end, and back-end development, design, architecture, microservices, integration, testing, maintenance using JavaScript technologies
- Expertise in TypeScript, React (with functional components), Sass, Node.js, CSS3, HTML5, JSON, JavaScript, Git
- Strong experience with Redux, MongoDB, Express, REST, HTTP, Postman. Bootstrap, MUI, RESTful API
- Experience with AWS, Python, GraphQL, Apollo, Socket.io, SQL, UNIX, Bash, C, C++, Java, Firebase
- Regular use of TypeScript static typing, generic types, type inferences, mapped types, utility types, type guards
- Regular use of ES6+ closures, nullish operators, spread operators, destructuring, immediately invoked function expressions, promises
- Exercise of programming techniques like modularization, recursion, asynchronous programming, memoization
- Exercise of NoSQL database techniques like normalization, denormalization, indexing
- Experience with unit testing, integration testing, and end-to-end testing
- Practice keeping clean and easy-to-read codebases using natural coding sense and ESLint, Stylelint, and Prettier libraries
- Experience writing thorough API documentation for packages and reusable components
- Regular practice of Agile methodologies on projects, and have experience in SCRUM with weekly and biweekly sprints
- Ability to work both independently and within a team environment
- Excellent technical, analytical, and problem-solving skills with strict attention to detail
- Strong versatility, highly meticulous, business-forward, efficiency-forward, leadership, creative, innovative

SKILLS

- **Languages:** TypeScript, JavaScript, Python, MQL, SalesForce Apex, C, C++, Java, Bash, OCaml, Erlang, YAML, SQL
- **Web Technologies:** React, Redux, Sass, SCSS, Express, ES6+, JSX, HTML5, CSS3, JSON, HTTP, REST, JWT, Bootstrap, MUI, GraphQL, Socket.io, Apollo Client, Apollo Server, Vue, jQuery, AJAX, SalesForce LWC, Handlebars, WebP
- **Databases:** MongoDB, Redis, AWS S3, PostgreSQL
- **Deployment Tools:** Heroku, AWS CloudFront, Netlify, GitHub Pages, TravisCI
- **Development Tools:** Git, Yarn, NPM, VS Code, ESLint, Stylelint, Prettier, Husky, Postman, MongoDB Compass, Jira, Bitbucket, Swagger, UNIX, Eclipse, Emacs, Vim, jGRASP
- **Testing Tools:** Cypress, Jest, JUnit
- **Scraping Tools:** Selenium, BeautifulSoup4, Scrapy
- **Build Tools:** Rollup, Webpack, Babel
- **Methodologies:** Agile, Scrum, Waterfall

EXPERIENCE

Founding Full-Stack Engineer, LISDIN   *August 2022 - Present*
- Spearhead the development of our full-stack web application and set development standards including system design, technology stack, and app architecture
- Applied techniques like modularization, recursion, and asynchronous programming to the front end, and normalization, denormalization, and indexing to the back end
- **Environment:** TypeScript, React, Redux, Sass, Node.js, Express, JWT, MongoDB, MUI, Git, Yarn

Software Developer, NeuraFlash   *January – August 2022 (8-month project)*
- Rebuilt an internal tool using React and TypeScript to help 20+ Einstein Bot developers create JSON payloads to enhance their bots' UI
- Reduced codebase size by over 1000 lines by inventing a recursive component to dynamically generate forms for different payloads
- Decreased potential future development time by over 50% by devising a simple object-based generation syntax
- Constructed 4 SalesForce Objects, Apex classes, and LWCs to provide voting and feedback functionality on various company records
- **Environment:** TypeScript, React, Node.js, Salesforce Apex, SalesForce Lightning Web Components, Jira, Git, Yarn

Front-End Developer, IBM   *May – August 2021 (3-month project)*
- Produced 3 UI components with React and JavaScript to develop major application features

- Patched 5+ bugs from existing components to increase application integrity
- Utilized Python and Swagger to test 15+ JSON payloads and improve backend API error handling by at least 5%
- Developed 5 unit and integration tests with Cypress and wrote detailed documentation for others to do the same
- Decreased deployment time by 5% by constructing a continuous integration pipeline using Travis CI and Cypress
- **Environment:** JavaScript, React, Sass, Cypress, Python, Flask, IBM Carbon Design System, Git, Yarn

Technology and Analytics Engineer, ZAIS Group   *February 2020 – May 2021 (15-month project)*
- Wrote Python scripts using Scrapy, BeautifulSoup4, and Selenium to scrape ESG data from 20+ client websites
- Built 5+ React components for an asset management console using Figma designs, JSX, and Sass
- Conducted user integration and end-to-end testing with Cypress
- **Environment:** TypeScript, React, Sass, Cypress, Node.js, Express, Python, Git, Yarn

LEADERSHIP

Lead, Google Developer Student Clubs @ Stevens   *August 2022 – May 2023*
- Managed and led a group of 6 core team members to work with the university, plan events, and create a social media presence
- Hosted 5 events for students to learn and practice coding and Google technologies including Flutter, Dart, and Firebase
- Networked with industry experts to bring interesting, professional content to 200+ students at Stevens

Web Programming II Final Project: TitanChat (Local MERN Stack Application)   *October – December 2022*
- Co-managed 4 groupmates and mentored group on TypeScript and Git programming principals
- Utilized Socket.io server and client to implement a real-time messaging service and AWS S3 to store and serve user images
- Designed and produced a skeleton app architecture to help my teammates ease into the software development life cycle
- **Environment:** TypeScript, React, Sass, Bootstrap, Socket.io, Node.js, Express, MongoDB, AWS S3, Heroku, Yarn

Web Programming Final Project: MovieHub (Local MERN Stack Application)   *October – December 2021*
- Mentored 3 groupmates on the basics/benefits of React and how it would replace the course-taught technology on our stack
- Managed the software development life cycle and divided 30+ project tasks between groupmates based on strengths and interests
- Followed Agile methodology to develop the project and maintained code quality on par with industry standards
- **Environment:** JavaScript, React, CSS3, Node.js, Express, MongoDB, NPM

PROJECTS

Complex Form Generator (NPM Package)   *April – May 2023*
- Created a refined version of my form generator suite to be distributable, versatile, and easy to use
- Configured a fully typed bundle of my TypeScript and Sass files using Rollup, and composed thorough API documentation
- Built a React single page application to demo all of my NPM packages and deployed it on Netlify with GitHub integration
- **Environment:** TypeScript, Sass, Rollup, Yarn, Bootstrap, Netlify

Personal Website (Public MERN Stack Application)   *December 2021 – April 2022*
- Developed entire codebase and UI/UX and designed code structure in a team-oriented fashion
- Leveraged AWS S3, CloudFront, and Route 53 to store and serve static assets
- Utilized Google ReCAPTCHA API and DOM Purify package as security measures
- Leveraged Heroku to increase profile visibility by more than 1000%
- **Environment:** TypeScript, React, Sass, Node.js, Express, MongoDB, Heroku, AWS S3 / CloudFront / Route53, Git, Google Analytics, Yarn, Nodemailer

EDUCATION

Stevens Institute of Technology, BS, Computer Science| Minor, Cybersecurity | High Honor | GPA: 3.61
Awards: Edwin A. Stevens Scholarship, Ansary Entrepreneurship Competition Semi-Finalist, Dean's List
Course Assistant for: Introduction to Computer Science, Systems Programming, Web Programming I