Andrew Rise

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Software Engineer

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Summary

My main expertise is in React.js, Node.js, Express.js, JS, TS, Redux, and MUI, and its ecosystem, where I've built complex systems and many features that highlight my engineering skills. I'm naturally curious, enjoy working with others, and always look to learn - recently diving deeper into Python and AI to expand my technical abilities. Over the past two years, I've integrated AI tools to speed up development and boost code quality. Integrated OpenAI API into many projects to automate the business processes.

Technical Skills

AI & Tools: OpenAI API, AI Model Integration, Prompt Engineering, Natural Language Processing (NLP);

Programming Languages: JavaScript, TypeScript, HTML, SCSS, (PHP, C# - some);

Frameworks & Libraries: React.js, Node.js, Express.js, Redux, (jQuery, Vue.js, .NET - some);

Databases: MongoDB, NoSQL, Redis, MS SQL Server (T-SQL, Stored Procedures), MySQL;

Tools & Technologies: REST API, WebSocket, AWS CLI, GitHub, Heroku, Webpack, Gulp, JWT Auth;

UI/UX & Design: MUI/Material-UI, Chakra, MapLibre-GL.js, UI/UX Design, Responsive Design;

DevOps & Cloud: AWS S3, ECS, Fargate, RDS, CloudWatch, Heroku, GitHub Actions, Redis (BullMQ for background jobs);

Soft Skill

Problem Solving: Quick learning, adaptability, and critical thinking **Collaboration:** Effective communication, active listening, and team leadership **Project Management:** Time management, prioritization, agile methodologies

Education

Kyiv national university of trade and economics
(KNUTE) 09/14 - 06/18 - **Bachelor Degree**

Coursera 07/22 - 02/23 Front-End Developer Professional Certificate by **Meta**

Work Experience

Lead Software Developer | 03/2024 - 12/2024 (10 months+)
Software Developer | 10/2023 - 03/2024 (6 months)
RealtyOS Inc. | *Nanaimo, BC Canada (Remote) Permanent FT*

- Web Platform as a Service to handle specific data flows.
- System Design: Designed and developed robust system architecture, including backend services and MongoDB integration, supporting real-time data processing and complex state management.
- Scheduling Automation: Built a flexible duty scheduling system with multi-select options, drag-and-drop management, and tier-based schedule displays.
- Job Processing: Implemented queue-based background processing using BullMQ for efficient file handling and real-time notifications.
- Data Integration: Enhanced data accuracy by implementing address validation via Google Maps API and optimizing backend data filtering for pagination.
- NLSF Web App: Developed the Nanaimo Ladysmith Scholarship Foundation web application, leveraging AWS ECS & Fargate for containerized deployments with a load balancer, Docker, and MsSQL (SQL Server). This ensures secure, high-availability data handling for scholarship-related records.
- Tech Stack: WebSocket, React.js, MUI, Node.js, Express.js, MongoDB, MySQL, MS SQL Server, REST API, JWT auth, Heroku, GitHub Actions, AWS, Docker, Redis.

React *Wizard* Developer | 01/2023 - 10/2023 (10 months)
OpsTel Services | *Phoenix, AZ USA (Remote) Contract PT*

Web applications to collect and display data of agents on the dashboards.

Created a new dashboard component from scratch and imitated a speedometer similar to D3. Using tech stack: JS, ES6, React.js, MUI, d3, Charts and other data displaying features.

Work Experience

Front End Developer | 02/2023 - 07/2023 (6 months)

DHI Group | Vancouver, *BC Canada (Hybrid) Contract(6m) PT*

Web application to collect and display data on the maps.

Using tech stack: JS, ES6, TypeScript, React.js, MUI, MapLibre-GL.JS, C#, .NET, Specific Cloud Platforms.

Full Stack Developer | 09/2022 - 02/2023 (6 months)

**New Idea Machine | ** *Calgary, AB Canada (Remote) Volunteer PT*

Develop web application with NIM team for Inclusity.

Work as a volunteer at New Idea Machine's for many Volunteer organizations.

Create API, backend and connect to frontend and database.

Using tech stack: JS, ES6, Node.js, React.js, MongoDB, Express.js, Firebase.

Front End Web Developer | Full-Stack Developer | 05/2021 - 05/2022 (12 months)

**Edelweis 2000 LLC | ** *Chernivtsi, Ukraine (Remote) Permanent PT*

Developed web applications and websites for 4 major projects.

ChildWood - Online Store: Designed, deploy and support online - store, which increased sales two times. Slides: New design for desktop and mobile browsers, that contributed to adding new customers and expanding regions. Atelier - Marusia - Online Store: Optimization and adaptive for mobile and desktop devices. Music Device Shop - Development and manage the project that has a functional and adaptive design, for mobile and desktop devices.

Used tech stack: React.js, Vue, HTML, SCSS, CSS, JavaScript, REST API, JSON, Node.js, jQuery, PHP, webpack and gulp

Projects:

Online Chess AI Integration: Developed an online chess platform integrating the AI o1-mini model for real-time gameplay. Used Node.js, Express.js, React.js, and WebSocket for instant updates;

Andrew's Career Chatbot: Integrated an AI chatbot (OpenAI's GPT) on personal website to provide tailored, career-specific insights**;**

ADMIN_DJ_Web App: Automated the DJ booking process (client intake forms, PDF contract generation, payment integration);

For more information about the projects, [please visit the website: https://www.akweb.dev/ and ask Andrew's chatbot about it.