

# Mani Rastegari

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## Summary

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Versatile web and mobile developer with expertise in both frontend and backend technologies, specializing in designing, building, and deploying responsive applications using React.js, React Native, JavaScript, Node.js, Express.js, Python, Kotlin, and Swift. Proficient in utilizing Google Cloud and AWS and modern tools like Fast API and MobX to enhance scalability and performance. Committed to effective teamwork, I possess strong communication skills for project coordination. Passionate about continuous learning and staying ahead with emerging technologies, I am eager to apply my technical expertise and creative problem-solving to contribute to project success.

## Technical Skills

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- **Frontend:** HTML5, XML, CSS3, Bootstrap 4, Flexbox, Grid, JavaScript ES6, DOM Manipulation, jQuery, React.js, MobX, Bash Command Line, Git, GitHub
- **Backend:** C#, C++, PHP, Node.js, NPM, Express.js, Fast API, EJS, REST, APIs, Databases, SQL, SSMS, MongoDB, Mongoose, OAuth, Authentication, Firebase, Google cloud computing platforms(Google Cloud, AWS,...), Microservices, Web Design, Deployment (GitHub Pages, Render, Heroku, MongoDB Atlas), Web3 Development, Blockchain technology
- **Mobile Development:** Android (Kotlin, Java), iOS (Swift), Cross-Platform App Development (React Native)
- **Electronics Engineering:** MATLAB, C++, Python, Proteus

## Experiences

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### SimplifyAd Inc– Full Stack Developer

(Feb. 2023 – Present)

- Developed and deployed a comprehensive online platform for free advertising, supporting small businesses and service providers.
- Designed and developed cross-platform mobile applications for iOS and Android using React Native and MobX for efficient state management, enhancing user engagement and accessibility.
- Implemented a high-performance backend with Fast API, microservices architecture and integrated third-party APIs for enhanced functionality.
- Utilized Docker to streamline deployment and ensure consistent environment across development and production.
- Managed Google Cloud Storage and MongoDB databases for data storage and retrieval, optimizing scalability with GraphQL for efficient data querying.
- Led the project from conception to deployment, ensuring timely delivery and quality assurance.

### SAVVII Group Inc– Mobile and Web App Developer

(Feb. 2022 – Feb. 2023)

- Designed and built mobile application using React Native for both iOS and Android platforms.
- Developed a secure and scalable backend with Fast API, optimizing API endpoints.
- Ensured High performance and security through code optimization and input validation.
- Ensured the internal website was user-friendly and met the company's requirements for efficiency and functionality, leveraging GraphQL for flexible data retrieval.
- Contributed to CI/CD pipeline setup for automated deployment and testing.

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## Divar – Backend and Web Developer

(Jan. 2021 – Feb. 2022)

- Designed and developed backend service using .NET and C# for enterprise-level application.
- Created REST APIs to facilitate seamless communication between frontend applications and databases.
- Developed logging and monitoring tools to track API performance and system health.
- Worked on SQL Server database optimization, including indexing and query tuning.
- Assisted with Linux-based server deployments and maintenance.

## Sarina Language GP – Junior Software Engineer

(Nov. 2019 – Dec 2020)

- Developed an English learning website using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- Created a video library where users could access and view educational videos.
- Implemented multiple-choice questions and online quizzes to reinforce learning after each video.
- Built the main website to introduce the company, facilitate user login, and handle payments.
- Ensured seamless integration of all features to provide a comprehensive learning experience.

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## Education

### George Brown College – Mobile Application Development and Strategy (Postgraduate Certificate)

- Android Development with Kotlin and Java, iOS Development with Swift, Web Development with JavaScript and Cross-Platform with React Native, MERN Development. (GPA 4.0)

### The Complete UdemY 2023 Web Development Bootcamp

- Full-Stacks Web Development, HTML 5, CSS 3, JavaScript, jQuery, Node.js, REST, APIs, Databases, SQL, MongoDB, Firebase, React.js, Node.js, React Hooks, Web Design, Web3 Development,

### Islamic Azad University – Master of Computer – software engineering 2017

- Main courses: Computer Systems Design, Network Programming, Software Design, Computer-Aided Design, Systems and Machine Intelligence, Software Engineering Methodologies

### Islamic Azad University – Bachelor of Electrical Engineering – electronics 2013

- Main courses: Object-oriented programming with C++, MATLAB, Operating electrical systems, Algorithms

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## Portfolio

- Personal Website: <https://manirastegari.github.io>
- Advertising Platform: <https://SimplifyAd.com>
- Published iOS App: <https://apps.apple.com/ca/app/simplifyad/id6745533686>
- Published Android App: [https://play.google.com/store/apps/details?id=com.manirastegari.simplifyadapp&pcampaignid=web\\_share](https://play.google.com/store/apps/details?id=com.manirastegari.simplifyadapp&pcampaignid=web_share)