

Riley Nelson

Full Stack Developer | Chatbot Specialization | Agile Methodology

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SUMMARY

An exceptional Full Stack Developer with over 8 years in chatbot development and crucial project completion using varied technologies including JavaScript, Typescript, NoSQL datastores, and React & Redux. Skilled in leveraging Machine Learning and Natural Language Processing for complex solutions. Adept at working in Agile and cloud-based environments.

EXPERIENCE

Full Stack Developer 2016 - 2022
Microsoft Redmond, WA

Development Team Lead in charge of innovative chatbot solutions

- Developed, tested and maintained over 20 chatbots resulting in a 30% increase in customer engagement
- Managed a team of 5 junior developers, guiding their progression and boosting productivity by 40%
- Led the incorporation of Google Cloud Platform and Visual Studio technologies for efficiency in project workflows

Senior Developer 2013 - 2016
Amazon Web Services Seattle, WA

Implemented complex web technologies for customer-centric solutions

- Successfully designed and deployed 12 chatbots using JavaScript and Typescript programming languages
- Engineered NoSQL datastores, enhancing data management integrity and speed by 20%
- Trained 10+ team members on deployment and maintenance of chatbots on AWS cloud infrastructure

Software Developer 2010 - 2013
Google Mountain View, CA

Built innovative web solutions using front-end and back-end technologies

- Assisted in the development and maintenance of 8 chatbots enhancing customer service efficiency
- Implemented agile methodology principles, boosting project turnaround time by 25%
- Developed features using React & Redux, increasing website responsiveness by 15%

EDUCATION

Master's Degree in Computer Science 2008 - 2010
Carnegie Mellon University Pittsburgh, PA



STRENGTHS

★ Technical Leadership

Proven ability to lead technical teams towards achievement of complex development goals.

🧠 Problem Solving

Expert ability in identifying and navigating technical challenges, resulting in efficient solution development.

🗣️ Communication

Adept at conveying complex technical ideas to non-technical stakeholders, streamlining project progression.

SKILLS

JavaScript · NodeJS · Typescript ·
NoSQL datastores · React & Redux ·
HTML / CSS · CI/CD ·
Google Cloud Platform (GCP) ·
Visual Studio · TFS Version control ·
Agile (SCRUM) methodology · Jira ·
Machine Learning ·
Natural Language Processing ·
Dialogflow · AutoML (GCP) ·
WordPress Plugins ·
Amazon Web Services

CERTIFICATION

Machine Learning Certification

Earned certification from Coursera expanding knowledge of Machine Learning techniques

Google Cloud Platform Training

Completed course from Google Cloud Training increasing proficiency in cloud-based development.

EDUCATION

Bachelor's Degree in Information Technology

University of Washington

2004 - 2008


Seattle, WA

LANGUAGES


English

Native

PASSIONS

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AI and Machine Learning

Tremendously passionate about the transformative possibilities of AI, Machine Learning and Natural Language Processing.
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Adventure Sports

Unwind with adventurous sports such as rock climbing and hiking to keep the mind sharp.