Doobin Lee

Software Engineer

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SKILLS

Programming Languages: JavaScript, Python, Java, SQL, HTML, CSS
Frameworks/Libraries: React, Node.js, Express, Redux, TensorFlow, Keras, PyTorch
Tools & Platforms: Docker, Git, Jenkins, GitHub Actions, Webpack
Data Analysis Tools: SQL, Pandas, NumPy, Data Visualization (Matplotlib, Seaborn)
AI/ML & Machine Learning: TensorFlow, Keras, PyTorch, Model Deployment, Data Preprocessing, NLP, Statistical Models, Text Analytics, Computer Vision
Collaboration Tools: Agile, Jira, Confluence, Slack, Okta
E-commerce Expertise: SEO, Conversion Optimization, Product Listing Management, Marketplace Analytics
Languages: English & Korean

EXPERIENCE

FullStack Academy   **New York, New York**
Lead Software Instructor | React, Node, Express, Redux, Prisma, SQL, Postgres, Git   Jan. 2023 – Current
- **Technical Instruction**: Instructed 80+ students on scalable full-stack development using React, Node.js, and SQL, completing e-commerce projects to simulate marketplace challenges.
- **Backend & Frontend Development**: Developed and deployed scalable RESTful APIs, implementing caching strategies to reduce response times by 15% in high-traffic simulations.
- **Curriculum Development**: Updated curricula with WebSocket, Stripe, and OpenAI, designing interactive challenges that boosted participation by 10% and improved skill retention.
- **CI/CD & Testing**: Built CI/CD pipelines using Jenkins and GitHub Actions, reducing deployment time by 25% and lowering production bugs by 20%.

Balloon Kings   **New York, New York**
Software Developer | HTML, CSS, JavaScript, Python   Oct. 2022 – Jun. 2024
- **Homepage Redesign**: Spearheaded an e-commerce homepage redesign, reducing load times by 40% and improving customer retention by 15% through intuitive navigation and improved SEO strategies.
- **Client Experience Improvement**: Improved order processing flows with real-time validation, cutting order errors by 20% and accelerating order entry speed by 15%.
- **SEO Optimization**: Implemented targeted keyword optimization and metadata strategies, driving a 25% increase in organic traffic to the marketplace.
- **Performance Optimization**: Enhanced website performance using lazy loading and JavaScript minification via Webpack, resulting in a 7% increase in traffic and a 1-second reduction in load times.

Quartet Health   **New York, New York**
Backend Engineer | Agile, Git, Jira, Confluence, Redux, Java/Kotlin   Jun. 2021 - Sep. 2021
- **Data Accuracy Improvement**: Developed secure data validation pipelines in Kotlin, improving patient data accuracy by 3% and reducing input errors in healthcare records
- **Executive Presentation**: Collaborated with cross-functional teams to deliver encrypted data flow solutions, reducing breaches by 15% and improving system reliability.
- **Documentation Efficiency**: Simplified technical documentation by 30% using markdown templates, enhancing team productivity by 20%.

EDUCATION

John Jay College Of Criminal Justice, New York, NY   **New York, New York**
Bachelor of Science in Computer Science   Aug. 2018 - Jan. 2022
Fullstack Academy Coding Bootcamp, New York, NY   **New York, New York**
Immersive Software Engineering Bootcamp   Apr. 2022 - Nov. 2022