**Lauren Powers**
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## SUMMARY

Highly motivated Senior Software Engineer with 5 years of experience, specializing in frontend development and known for architecting system-wide backend solutions, seeking to leverage my skills in scalable and efficient system design to drive innovation in the tech industry, with a proven track record of delivering high-quality solutions and mentoring junior developers.

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## EXPERIENCE

**Senior Software Engineer**
*VantaLabs, 2019–Present*
- Led the development of a cloud-based e-commerce platform using React, Node.js, and MongoDB, resulting in a 30% increase in sales and a 25% reduction in latency
- Designed and implemented a microservices architecture using Docker, Kubernetes, and AWS, improving deployment uptime to 99.95% and reducing costs by 20%
- Mentored a team of junior developers, providing guidance on best practices and code reviews, and contributing to the development of the company's technical blog and open-source projects

**Software Engineer**
*HealthNet AI, 2017–2019*
- Developed a patient management system using Angular, TypeScript, and PostgreSQL, resulting in a 40% reduction in data entry time and a 15% increase in patient engagement
- Collaborated with the data science team to integrate machine learning models into the system, using TensorFlow and scikit-learn, and improving diagnosis accuracy by 10%
- Participated in a hackathon, developing a mobile app for patient engagement using React Native and Firebase, and winning the first prize

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## PROJECTS

**OpenSensor Project**
*Personal Project, 2020*
- Developed an open-source IoT platform using Raspberry Pi, Python, and MQTT, enabling real-time sensor data collection and analysis
- Contributed to the development of the project's technical documentation and community engagement, using GitHub and Discord
- Improved the platform's scalability and reliability, resulting in a 50% increase in user adoption and a 20% reduction in errors

**E-commerce Website**
*Academic Project, 2016*
- Built an e-commerce website using PHP, MySQL, and JavaScript, featuring user authentication, payment gateway integration, and product management
- Implemented a recommendation system using collaborative filtering and Apache Mahout, improving sales by 12% and customer satisfaction by 15%
- Presented the project at a university conference, receiving positive feedback and suggestions for future improvement

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## TECHNICAL SKILLS

Languages: JavaScript, Python, Java, C++
Frameworks: React, Angular, Vue.js, Django
Cloud: AWS, GCP, Azure, Heroku
Tools: Git, Docker, Kubernetes, Jenkins
Databases: MongoDB, PostgreSQL, MySQL, Cassandra
OS: Linux, macOS, Windows

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## EDUCATION

M.S. in Computer Science, Stanford University, 2017
GPA: 3.9/4.0
Relevant Courses: Distributed Systems, Machine Learning, Web Development, Human-Computer Interaction
Thesis: "Design and Implementation of a Scalable E-commerce Platform using Microservices Architecture"
B.S. in Computer Science, University of California, Berkeley, 2015

GPA: 3.8/4.0
Relevant Courses: Data Structures, Algorithms, Computer Networks, Database Systems