

Daniel Her

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SUMMARY

From social work to software, I've channeled my dedication to helping others into crafting tech-driven solutions that simplify complexity and empower clients. Fueled by a passion for problem-solving and a vision for cloud innovation, I'm committed to bringing fresh, impactful results as a Cloud Engineer.

EDUCATION

Western Governor's University <i>Bachelor of Science in Computer Science</i>	Salt Lake City, UT <i>August 2024</i>
University of California, Berkeley <i>Master's Degree in Social Welfare specializing in Strengthening Children, Youth, and Families</i> <i>Bachelor of Arts in Social Welfare</i>	Berkeley, CA <i>May 2022</i> <i>May 2019</i>

EXPERIENCE

Junior Cloud Support Engineer <i>Cloud Engineer Academy</i>	Los Angeles, CA <i>November 2024 – Present</i>
<ul style="list-style-type: none">Resolved complex technical issues in cloud environments, improving resolution times and minimizing downtimeAutomated deployment pipelines using IaCode, reducing deployment times by 40% and increasing overall efficiencyImplemented robust security measures and best practices, ensuring a highly secure and resilient cloud infrastructure	
Software Engineer <i>Independent Contractor</i>	Los Angeles, CA <i>July 2024 – Present</i>
<ul style="list-style-type: none">Partnered with clients to architect full-stack applications and deliver technical solutions to achieve business goalsDeveloped software that automates vendor purchasing for a small business, cutting monthly operational costs by ~\$2kTranslated technical constraints, enabling clients to make informed decisions and accelerate project timelines by 25%	
Social Work Solutions Specialist <i>San Mateo County, Human Services Agency</i>	Belmont, CA <i>June 2022 – August 2024</i>
<ul style="list-style-type: none">Optimized data entry processes, reducing paperwork generation from 1.3 hours to 1 hour, a 25% efficiency gainCollaborated with development teams to improve user interface functionality for organizational applicationsDeveloped user guide that simplified resource navigation, reducing the number of client help requests by 50%	

PROJECTS

Visitor Counter <i>AWS, Terraform, YAML, Python, Javascript, HTML, CSS</i>	<i>October 2024</i>
<ul style="list-style-type: none">Deployed with AWS S3, CloudFront, and Route 53 with HTTPS, achieving 99.99% uptime and 50% faster load timesBuilt a dynamic visitor counter using AWS Lambda, API Gateway, and DynamoDB for a serverless infrastructureAutomated infrastructure deployment and management with Terraform and a CI/CD pipeline via GitHub Actions	
BreadBasket <i>React.js, Node.js, MongoDB, Firebase</i>	<i>July - October 2024</i>
<ul style="list-style-type: none">Developed a React.js frontend and Node.js backend, fully deployed on AWS and connected through a REST APIIntegrated email notifications using Nodemailer for order placements, achieving 100% delivery successGenerated automated daily reports, significantly reducing manual reporting time by up to 12 hours per week	
Match Predictor <i>Python, Tkinter, Pickle</i>	<i>April - June 2024</i>
<ul style="list-style-type: none">Implemented a machine learning model to predict dating matches, analyzing user attributes for tailored predictionsDeveloped an interactive interface with Tkinter, featuring data visualizations in Matplotlib to enhance user insightsAchieved 85% prediction accuracy with Polynomial Features and Ridge Regression, optimizing forecasting precision	

SKILLS & CERTIFICATIONS

Technologies & Frameworks: JavaScript, React, Node.js, Python, Java, Spring Boot, C++, SQL, HTML, CSS

Tools & Platforms: AWS, Linux, Git, GitHub, GitLab, Docker, Cypress, Postman, Terraform, Cloudformation

Certifications: AWS Solutions Architect - Associate, LPI: Linux Essentials, ITIL 4 Foundation: IT Service Management