Lakin Ducker

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Profile

I am an expert software engineer and solutions architect for Angular, React, Node.js, Javascript, TypeScript, Python, Machine Learning, AWS, Azure and Google Cloud.

Experience

J2 Interactive, Senior Consultant – 2018-Present

Developed the Provider Directory App for Kaiser Permanente using Angular, Caché ObjectScript and InterSystems IRIS, HealthShare, Ensemble. Developed the Care Management app for Conduent Inc. for health information management using Angular, C#, .NET, InterSystem HealthShare. Developed mobile Android and iOS apps and web apps for Northwell using React, Material-UI, Cordova, Nx, C#, Azure Functions, Cosmos DB, Azure Service Bus and Azure SignalR Service. Developed Android, iOS app and Progressive Web App for Mercury 5 using Ionic, Angular, Google Cloud Platform, Firestore and Firebase. Developed frontend for Conduent using Angular. Developed the frontend for the Houston Fire Department's ETHAN (Emergency TeleHealth and Navigation) Project app using Angular, Bootstrap4, Angular Material, Google Maps and InterSystems HealthShare. Developed the KairoiScheduler using Angular, PrimeNG, FullCalendar and Moment. Did frontend Angular dev for the Rhode Island Quality Institute's CurrentCare for Me app.

Linux Academy, Angular & Node.js Developer – 2017-2018

Developed the learning management system and course authoring system for LinuxAcademy.com using Angular, Bootstrap4, Angular Material, Typescript, NgRx, HTML5, CSS3, Sass, D3.js, Node.js, TypeORM, Jasmine, Karma, AWS, Serverless, Lambda, CloudFormation, S3, CloudFront, Git Flow, MySQL, DynamoDB, Docker.

Pearson PLC, Senior Consultant (embedded by Mind Over Machines) - 2016-2017

Developed the Pearson PLC Connections Education v3 front-end, using Angular, Javascript, ES6, Typescript, D3.js, HTML5, CSS3, Sass, Jasmine, Karma, Gulp, Git Flow, Node.js, Azure. Worked on Dashboards, WebMail, LiveLesson, Assessments. Created Dashboard data visualizations. Implemented Pearson branding strategy with Sass across all systems.

HCOL, Inc., Annapolis, MD, Web and Mobile Software Engineer, Data Scientist - 1998-2016

Developed the Iris Horizon and Iris QC apps for Gen3i, using Javascript, Angular, D3.js, HTML5, CSS3, Sass, Bootstrap, Node.js, Express, Sequelize, MSSQL, AWS, MeteorJS and MongoDB. General Motors was the primary user of these apps. Developed web-based clinical trial data capture, data management systems, surgical outcomes registries and data analysis systems for Johnson & Johnson, Baxter International, Precision Spine, Medical University of South Carolina, University of Colorado Hospital, Johns Hopkins, Cedars-Sinai, University of Maryland, AAHS and other clients; using Angular, Node.js, MySQL, AWS, D3.js, R, Python, scikit-learn, AWS ML, AWS Lambda.

America Online, Inc., Sterling, VA , Developer, Project Manager - 1996-1997

Managed and developed for the Health Channel and the International Channel, AOL multimedia showcase, HCA, General Motors.

Degrees / Certifications	AWS Certified Solutions Architect - Professional
	AWS Certified DevOps Engineer - Professional
	AWS Certified Machine Learning - Specialty
	AWS Certified Security - Specialty
	AWS Certified Big Data - Specialty
	AWS Certified Developer - Associate
	AWS Certified Solutions Architect - Associate
	AWS Certified SysOps Administrator - Associate
	MongoDB Developer Certification
	Data Science Specialization, John Hopkins University / Coursera
	Front-End Developer Udacity Nanodegree
	Masters in Marketing Université Libre de Bruxelles (ULB) (1st in class)
	Bachelor of Arts in Political Science Denison University