

Amber Dunn

JavaScript Architect, Full Stack Developer & Mentor

Full stack JavaScript expert with experience ranging from full-scale enterprise applications to browser-based video game implementations and management systems. Using a multitude of JavaScript frameworks and libraries I turn ideas into virtual realities. I architect applications and games using the latest in JavaScript and other browser-based technologies for delivery to any platform. I build and manage teams of developers to create the solutions I design. I mentor and teach other developers how to push the boundaries of JavaScript programming to inspire limitless creativity in the development of software solutions.



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EXPERIENCE

Development Lead & Technical Game Architect

United Power

2018

Las Vegas, NV (Flex)

Responsibilities

- Architect solutions for blockchain based software concepts encompassing a custom financial system with wallet and PayPal style checkout flow with crypto rewards and an MMO style browser-based game based on the concept of a popular board game of trading properties, from scratch.
- Direct the activities of the development and engineering teams for 3 main projects and consult on 3 other company projects to provide expertise and direction. Mentor developers throughout the projects and assist with logic and implementation.
- Create technical interview protocol, design coding challenges and process, review coding challenges and provide final verdict on hiring new engineers. Host technical interviews and provide challenges, review and assessment ongoing.
- Interview, train and lead teams of developers, QA engineers, dev-ops engineers and admin staff to develop processes from scratch.
- Provide training sessions for non-development team members on the development process, software development life cycle, and software architecture as a process.
- Work with business analysts to review game concept documents and provide architecture, direction and the technical design documentation as well as ongoing direction for the engineering teams.
- Manage and train employees on the usage of company tools such as GitLab, Mongo Compass, Jira, JustinMind, Slack, etc.
- Tech Stack: React, Redux, Sagas, Node, Express, Koa, CreateJs, EaselJs, JavaScript ES6 & ES7, CSS3, SASS, LESS, Cypress, Jest, Mocha

SKILLS



EDUCATION

Master in Business Administration with IT Focus

Keller Graduate School of Management

Bachelor of Science in Game and Simulation Programming

DeVry University

ASSOCIATIONS & AFFILIATIONS

CodeMentor (Verified Expert & Mentor)

HackHands (Mentor)

Thinkful (Mentor)

LinkedIn Profinder (Verified Expert)

EXPERIENCE

JavaScript Architect & Development Lead Clinch

2017 – Present Las Vegas, NV (Remote)

Clinch allows coaches to perform in-depth analysis on team performance, combination outcomes, player performance, opposition analysis and comparison, as well as many other customizable perspectives.

Responsibilities

- Develop and architect the solution for an application that provides new avenues of manipulation for statistical analysis of college basketball play-by-plays.
- Direct the activities of the development team for the life of the project and ongoing revisions to design and architecture as needed.
- Tech Stack: Angular 5, Redux, Node, Express, CreateJs, JS ES6 & ES7, Karma, Jasmine, Jest

JavaScript Game Architect & Development Lead Intelislots @ NexGaming

2017 – Present Las Vegas, NV (Remote)

Responsibilities

- Develop and architect the solution for a slot-based game engine to drive 10 slot games with different assets and various modifications with a centralized system of calculation and inheritance.
- Extract art and sound assets from a DirectX/C++ implementation of the game set and recreate the games in a JavaScript tech stack.
- Tech Stack: CreateJs, Redux, Node, Express, JS ES6 & ES7

Senior JavaScript Development Consultant Oxford Digital

2016 – 2017 Las Vegas, NV (Remote)

Develop applications using multiple JavaScript technologies for several clients in different industries.

Projects

- Remedy Partners: Episode Connect (Internal) Tech Stack: React, Redux, Ramda, RxJs, Jest
- Mentor & assist team on React and Redux development of a healthcare documentation management application.
- ESRI: esriU Training Site (External) Tech Stack: AngularJS, Angular4, MEAN, Node, Express, Mongo, CSS3, SASS, LESS, jQuery, LoDash, Async, Karma, Jasmine
- Enhance and maintain the online training system by creating unit tests and developing new features.
- UPS Interactive Animated Box Model (External) Tech Stack: Angular4, CSS3, SASS, LESS, jQuery, HTML5, SVG, D3, Three.JS,
- Develop an animation to enhance the user experience when shipping items with UPS.
- Develop a solution to allow the user to provide package dimensions then manipulate the shape of a package confined to the dimensions of a viewbox.

Senior Development Consultant NexGaming

2015 – Present Las Vegas, NV (Remote)

Develop applications for several clients in the casino sector including custom game and management software as well as hardware driver development for integration with web-based applications deployed on self-serve kiosks.

Projects & Responsibilities

- POSmax: PIN and Game Floor Management Application
- Asteroids: 2D Skill Based Casino Game
- ID003 NodeJS Driver for JCM Bill Acceptor
- ID008 C# Driver for JCM Bill Acceptor
- Tech Stack: AngularJS, Angular4, MEAN, Node, Express, Mongo, D3, ThreeJS, SVG Animation, CSS3, SASS, Karma, Jasmine, C#, C++

Senior Development Consultant Perficient

2015 – 2016 Las Vegas, NV (Remote)

Responsibilities

- Reduced project cost by taking over for two front-end engineers on a production level project.
- Successfully managed Git repository for all project submissions and pull requests.
- Tech Stack: Twigkit, CSS3, Java, JavaScript, HTML5, Google APIs

Senior Application Developer Ally Financial

2014 – 2015 Charlotte, NC (Remote)

Achievements/Tasks

- Instrumental in the production of the mobile web banking solution and the desktop solution redesign project.
- Solved the bank statement printing issues reported by users and developed a programmatic solution to printing bank statements and account summaries.
- Tech Stack: Ember, CSS3, SASS, Handlebars, HTML5

CEO, Architect Intelivative

2011 – Present

Graphics Architecture Intern Intel Corporation

2010

Folsom, CA

Freelance Development & Repair Services Self Employed

2006 – 2010

Freelance services while attending college