Alex Patow

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Proven ability to lead digital transformation projects from conception to maintenance. Effective communicator and leader; able to accomplish challenging tasks despite tight deadlines, changing requirements, and constrained budgets. Works collaboratively with stakeholders to ensure success for client, project, and team.

Experience

Accenture Digital   **Boston, MA**
Digital Business Integration Manager   *July 2015-Current*
Digital Business Integration Consultant
Digital Technology Developer Senior Analyst
Digital Technology Developer Analyst

Institutional Asset Manager:
- Leading off-shore team of approximately 20 resources across development and QA workstreams on a multi-year engagement to consolidate and re-imagine our client's suite of 100+ investor applications
- New platform allows investors to easily understand the markets, contribute research, collaborate, and submit trades all within one cohesive experience
- Responsible for managing Accenture's budget, submitting invoices to client stakeholders, and making investments to enhance Accenture's strategic position at the client
- Acts as a Scrum Master to ensure Agile practices are followed, increasing the team's effectiveness
- Responsible for the technical architecture of components built by Accenture's team
- Develops new features and fixes critical defects using React, Node.js, Openfin, and Typescript

Accenture Logistics Platform:
- As the Development Team Lead, managed near-shore and off-shore developers to enhance Accenture's proprietary Same-Day Delivery as a Service platform
- Helped a communications client enable same-day delivery of set-top boxes to delight new customers in a highly competitive industry
- Established solid relationships with clients to ensure their product and performance expectations are met
- Platform includes a mobile application (native Android), multiple single page web applications (Angular 5), and a diverse set of APIs (Node.js/Express)
- Routing engine continuously optimizes delivery routes in real-time using machine learning and artificial intelligence
- Technical Architect for the design a more robust, microservice-based architecture in the 2.0 release
- Additional information: https://www.accenture.com/bg-en/service-accenture-logistics-platform

Digital Agriculture Service:
- Worked with a team of near-shore developers to create a hybrid mobile application, using Ionic framework, to help farmers increase yield and decrease costs through the use of sensors, satellite imagery, and analytics
- Responsible for overseeing the design, development, deployment, and maintenance of API services for the mobile application and administrative website
- Led the front-end development of the administrative website using AngularJS, enabling Accenture employees to effortlessly manage master data within the platform
- Incorporated crash and event reporting services to inform developers of potential issues and project leads of user statistics using Fabric
- Built and maintained Continuous Integration and Continuous Delivery server, providing reliable nightly distributions to developers and internal testers for both iOS and Android devices
- Architected and created a bi-directional document syncing service using PouchDB, CouchDB, and Redshift to enable offline usage of the mobile application, greatly enhancing user experience
- Additional information: https://www.accenture.com/us-en/insight-accenture-digital-agriculture-solutions

Audi AG   *Ingolstadt, Germany*
Future of Mobility Practicum   *June-July 2014*
- Selected as one of twelve students to work on a six-week design project focused on the future of transportation
- Conducted extensive market research including 30 face-to-face interviews to gain user insight into opportunities for new products
- Developed revenue generating opportunities based on design thinking methodology related to infrastructure, systems, and services
- Presented a cohesive vision for a connected vehicle, infrastructure, and customer platform to senior management

Education

Boston University *2015*
Bachelors of Science in Mechanical Engineering, Technology Innovation Concentration

Université Joseph Fourier *Spring 2013*
Grenoble Study Abroad Program

Skills

Programming Languages
TypeScript, JavaScript, and Kotlin

Frameworks
React, Angular, Node.js, and Ionic

Technical Architecture
AWS Cloud Architecture, Google Cloud Platform, API Design, Database Design, and CI/CD

Additional Skills
Agile, Digital Transformation, UI/UX Design

Certifications

Amazon Web Services
AWS Certified Solutions Architect – Associate *2017*

Leadership and Activities

Boston University Design Community
President *2012-2015*

Boston University Ski Team
Student Athlete *2013-2015*

Boy Scouts of America
Eagle Scout Award *2009*