

**EMPLOYMENT**


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<b>Full Stack Engineer</b>	<b>Azul Technology</b>	<b>May 2007 – Present</b>
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- **Workflow App**
  - Developed a new web app to fully manage a company's primary workflows including use by customers to enter data, internal status/updates/reports and for clients to enter data and monitor progress
  - Vue.js, Vuex, Element UI, Webpack, GraphQL, Serverless, AWS
- **Technology Workshops E-commerce Site**
  - Designed, created and managed e-commerce site for technology workshops and after-school clubs
  - Wordpress, WooCommerce, Paypal, HTML, CSS, JavaScript, Digital Ocean
- **Scientific English Learning App**
  - Added student login & dashboard, teacher login & class management system, and save/load user data to existing web app used at Saitama University to teach scientific English vocabulary to students
  - HTML, CSS, Javascript, jQuery, Parse, Digital Ocean
- **Bilingual Silk Dress E-commerce Site**
  - Created a high-end silk dress e-commerce site in English and Japanese
  - Squarespace, Ecwid, Stripe, HTML, CSS, JavaScript, jQuery
- **Reading Comprehension Web App**
  - Implemented many requested features and improvements, such as ability to repeat assignments, completion codes, and final grading to web app designed to improve reading comprehension
  - HTML, CSS, Javascript, jQuery, PHP, MySQL
- **Interactive Astronomy iPad Ebook**
  - Coded interactive feature to look around a martian surface by moving an iPad.
  - Created interactive quizzes at the end of each chapter
  - Apple Books, HTML, CSS, JavaScript

<b>Project Engineer</b>	<b>Cardinal Health</b>	<b>March 2005 – May 2007</b>
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- Launched 4 updated medical IT products, installed at hospital test sites and trained hospital staff on usage
- Collaborated with software and hardware engineers, marketing, quality, and production teams to develop new versions of medical IT products running on server, desktop and embedded versions of Windows

<b>IT/IS Specialist</b>	<b>Eurogentec North America</b>	<b>October 2001 – March 2005</b>
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- Developed manufacturing system using MS Access and SQL Server which managed DNA synthesis data
- Supported 25 lab computers, 15 office computers and 3 servers running Red Hat Linux, DOS, Windows 98, NT, NT Server, 2000, 2000 Server, and XP

<b>Web Developer</b>	<b>Inetcam Corporation</b>	<b>August 1999 – June 2000</b>
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- Initiated several web projects including an online help system using Microsoft SQL Server and ASP
- Created custom web interface to remotely control motorized cameras

**EDUCATION**


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<b>San Diego, CA</b>	<b>University of California, San Diego</b>	<b>Fall 1997 – Spring 2001</b>
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- B.A., Interdisciplinary Computing and the Arts
- Minor in Computer Science

**LANGUAGES AND TECHNOLOGIES**

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- HTML, CSS, Javascript, jQuery, GraphQL, Vue.js, Vuex, React, Redux
  - Linux, Node.js, PHP, SQL, MySQL, Docker, Serverless, AWS Lambda/DyanamoDB/Cognito/AppSync
  - Visual Studio Code, NPM, Webpack, Babel, Git