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A dedicated, resourceful problem-solver and team player. Looking to build software that is delightful to use.

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## TECHNICAL SKILLS

- Front End Technologies: JavaScript, TypeScript, React, Redux, Vue, LESS, CSS, D3, Webpack, Analytics, Data Visualization and Design Systems.
- Back End Technologies: NodeJS, Python, Golang, Java, C/C++, SQL, Hadoop, Docker, RedHat OpenShift and Kubernetes.

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## EXPERIENCE Principal Software Engineer — Cloudera, Palo Alto, CA, 1/2011 -

- Initial member/Tech Lead of the Cloudera Manager Product. It is a management system used by 98% of Cloudera's customers (premerger) to manage the Cloudera platform.
- Founding engineer of the CDP Private Cloud product, a Kubernetes based hybrid data platform with cloud-native, self-service analytic experiences bringing the speed, scale, and economics of the cloud to on-prem customers.
- Top committer with 8K+ commits, 2M+ LOC (Line of Code) added and 3M+ LOC removed across multiple projects.
- The recipient of the 'One Cloudera' Award in 2018. <sup>1</sup>
- Won hackathon two times and one time people's choice award.
- Drove to improve the upgrade experience. Analyzed the customer journey and coordinated various cross department efforts, proposed and implemented solutions that helped with reducing customer confusion and support cost.
- Built a design system and common UI components that is used across six Cloudera products.
- Built a declarative UI component system (very similar to React Hooks) for our non-React based codebase that greatly enhanced code maintainability and reduced development time.
- Promoted best practices for internationalization, localization, accessibility, usage analytics and end-to-end automation.

## Principal Member of Technical Staff — Oracle USA, Redwood Shores, CA, 6/2004 - 12/2010

- Tech Lead in Enterprise Manager Monitoring and Oracle Support portal.
- One of the projects was highlighted in Oracle Open World 2009, CEO Larry Ellison's keynote.
- Modularized 300K code into 22 libraries; Reduced compilation time by 6 fold.
- Re-architected code into dynamically loadable modules. Reduced initial payload by 40%.
- Implemented various backend web services (caching, proxies) and monitoring tools.

## Associate — Goldman Sachs Inc, New York, NY, 6/2001 - 8/2003

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<sup>1</sup>This award is for those who puts Cloudera first, always helping teammates, thinking cross-functionally, and doing what is right for the company as a whole).

- Consistently ranked in the top quartile in the 360° Annual Review System.
- Implemented reusable components and Excel-based financial models and risk analysis models.

**Intern Research Engineer** — Canon Information Systems Research, Australia, *12/1998 - 2/2000*

- Researched various image demodulation algorithms using Fourier Transform.

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## EDUCATION

**M.S., Computer Science, Full Tuition Scholarship, GPA 3.9** — Cornell University, Ithaca, NY, *2004*

- Thesis: A data management system that searches heterogeneous data source using XQuery.
- Course Work: Database Implementation, Graphics, Distributed Systems, Networks, Scientific Computing

**B.S., Computer Engineering, GPA 3.9** — University of New South Wales, Australia, *2000*

- Rank:  $2^{nd}$ /111 students, Thesis Scholarship, Canon Academic Excellence Award.
- Thesis: A video annotation and search tool.
- Course Work: Algorithms, Operating System, OO Design, Database, Computer Architecture, Neural Networks, Image Processing.
- Teaching Assistant: Functional Programming, Algorithms
- Research Assistant: An open source, source-code search engine CVSSearch. Published in IEEE International Conference on Software Maintenance (ICSM 2001).

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## OTHER AWARDS

- Neural Networks and Deep Learning from Coursera
- Machine Learning from Coursera
- Toastmasters International
- Member of Australian Mathematics Olympiad National Team Training Squad
- Gold/Bronze Medallist in Australian/Asian Pacific Mathematics Olympiad