Andrew Giles

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PROFESSIONAL SUMMARY

I have over 15 years working professionally in the software/web development industry, with 5 years of leading teams. A wide range of experiences, collaborations, and projects have provided me with a wide knowledge base to tackle many different challenges.

My technical background includes, but is not limited to:

Languages: JavaScript, PHP, Python, HTML/CSS, SQL, Bash

Frameworks: React, VueJS, Laravel, Django, Flask, Apache Cordova

Datastores: MySQL, PostgreSQL, MongoDB, Redis

DevOps: Git, Docker, Docker Compose, Bitbucket Pipelines

Cloud: AWS (EC2/S3/Lamba), Digital Ocean, GCP

Infrastructure: Nginx, Apache HTTP, Apache Thrift, Beanstalkd, Celery

Tools: Jira, Slack, Postman, Trello, Notion, Bugsnag, New Relic

APIs: Google, Twilio, Postmark, Facebook, Twitter

WORK EXPERIENCE

Senior Engineering Manager   **Jun 2021 – Present**
Property.ca, Toronto, Ontario

- Led a department of developers building a trio of real estate websites and a proprietary CRM for lead management
- Handled high site traffic, with 1+ million registered users and 1.8+ million sessions/month
- Provided technical guidance and high-level architecture design
- Fostered team skill development with mentorship via regular 1-on-1s and provided new learning opportunities
- Filled some department gaps by making strategic hires
- Reduced new developer ramp-up time by creating on-boarding guide
- Improved project planning by introducing new steps to existing Kanban process
- Increased coordination and visibility by standardizing the use of Jira across all teams
- Improved code quality with stricter testing and code review guidelines
- Improved code comprehension by standardizing code style and writing proper documentation
- Increased developer efficiency by encouraging the use of automated tools
- Improved risk management by defining a disaster recovery plan
- Implemented database backup strategy, including fail overs and off-site redundancies
- Identified and prioritized reducing backlog of technical debt

Engineering Manager   Apr 2017 – Jun 2021
Property.ca, Toronto, Ontario

- Led team of developers for an internal CRM tool for real estate agents to manage leads
- Introduced team processes; mandatory code reviews, task management with Jira
- Provided mentorship to team members
- Designed web-app architecture
- Directly contributed to codebases and performed code reviews

Technical Lead   Nov 2015 – Apr 2017
Appraise App Inc, Toronto, Ontario

- Developed web app for real estate appraisals
- Created iOS and Android mobile app versions using Apache Cordova
- Worked with stakeholders to define requirements
- Wrote tests and documentation
- Managed infrastructure

Senior Web Developer   Aug 2012 – Nov 2015
Freelance – Self Employed, Toronto, Ontario

- Worked in full-stack roles on a large variety of projects
- Worked as member of larger development and support teams
- Worked as solo developer, directly with clients to define/develop/deploy web apps
- Companies/organizations I've worked with; Makers, Jam3, WSIB Ontario, By The Booth
- Projects for notable brands include Ford, Cadbury, Orange (France telecom), Volvo

Web Developer   Jul 2010 – Aug 2012
Meru Media Inc, Toronto, Ontario

- Worked on large variety of websites and online applications for small startup agency
- Worked both solo and on small teams with other developers

Junior Software Developer   Jan 2007 – Sep 2008
Embarcadero Technologies, Toronto, Ontario

- Assisted team in the production of desktop software to manage databases
- Contributed to codebase and unit tests
- Actively participated in design meetings, code reviews, and demos

EDUCATION

Honours Bachelor of Computing (Co-op)   2004 – 2009
University of Guelph, Guelph, Ontario