

Tom Hyndman
Senior Software Engineer
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Profile

Senior developer with 10 years of experience as an individual contributor to software projects and 5 years of experience as a team leader taking responsibility for project architecture, code quality, testing and deployment, as well as project management and mentoring. Ability to quickly learn new codebases, frameworks, languages and environments.

Skills

Python (15+ years) – Flask, Django, SQLAlchemy, Scrapy, PySpark, Requests, BeautifulSoup, Peewee, Python packaging, automated testing, Pythonic coding style, OO-design, etc.

JavaScript (15+ years) – NodeJS, React, Vue, Angular, Express, Hapi, Redux, Vuex, ImmutableJS, Webpack, ES6, TypeScript, Axios, jQuery, functional coding and design, etc.

Others technologies – Linux, Git, PostgreSQL, AWS (Lambda, API Gateway, Cognito, CloudFormation, etc.), MongoDB, ElasticSearch, Spark, RabbitMQ, Ansible, StatsD, etc.

Projects

Scalable OSINT automation, JavaScript PNG image decoder, scalable data processing solution using cluster computing, inverted-index search solution using DynamoDB, high-performance user-interfaces for enterprise, various web crawlers and web automation solutions, etc. See: www.tomhyndman.com/projects

History

December 2017 - Present (3+ years)

Senior Software Engineer at GroupSense

GroupSense gives me the opportunity to work on a wide-range of challenging projects. I created a low-level image encoder/decoder to enable our dark web operators, developed cluster computing solutions for extracting value from big datasets, implemented single-page web applications, and designed a large-scale automation and information system that multiplies the productivity of our hard-working intelligence analysts.

May 2016 - June 2017 (1 year)

Senior Software Engineer at WeFind

At WeFind I architected and implemented a scalable, flexible recommendation engine. I worked in coordination with a machine-learning specialist to integrate R solutions into our Python code base. The system adapted to pivots and served the business all the way through acquisition.