JUSTIN ELM

Software Engineer

INFO

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github.com/jelm05

SKILLS

Languages
  Python
  JavaScript
  HTML / CSS

Frameworks
  Django
  React
  Bootstrap

Technologies
  Git
  Vim
  Docker
  AWS
  PostgreSQL
  Celery
  RabbitMQ
  Node.js
  Express.js
  Linux

Design Principles
  RESTful API
  SaaS
  Agile
  Functional
  Object-Oriented

PROFILE

I'm a full-stack engineer working in financial technology in New York City. Currently, I'm building a platform to facilitate commercial and syndicated lending for mid-tier banks globally. Prior to working in financial technology, I worked as a freelance full-stack developer for academic institutions, the publishing industry, and the film industry.

EXPERIENCE

Software Engineer - QuadraGen LLC (2020-present)
Python, JavaScript, Django, Celery, RabbitMQ, Docker, AWS, PostgreSQL

• Developed a platform to manage commerical lending agreements that handles notifications, accruals, payments, and participations.
• Put into production, designed, and developed a microservice to process full-cycle credit servicing actions on existing credit agreements.
• Built an accrual calculator to manage conversion of LIBOR to SOFR that processes interest calculations for daily simple, daily compounding, and compounding in arrears formulas.

Full-stack Developer - thedisruptedfilm.com, Sarah Colt Productions (2020)
JavaScript, PHP, MySQL, WordPress, Apache

• Developed and deployed the entire web presence for the documentary film titled *The Disrupted*.

Full-stack Developer - Penguin Random House, Inc. (2014-2018)
JavaScript, PHP, MySQL, WordPress, Apache

• Developed various websites within time sensitive windows for soon-to-be-published books.

Full-stack Developer - nyaa.edu, The New York Academy of Art (2016)
JavaScript, PHP, MySQL, WordPress, Apache

• Developed and deployed the institutional website for the New York Academy of Art. Handled all aspects of the project including front-end, back-end, database, security, and deployment.

Senior Systems Administrator - School of Visual Arts (2011-2020)
Python, JavaScript, Django, SQLite, Heroku

• Responsible for all technology for three departments at SVA. A notable project included building technology lending library software using the Django framework to manage departmental equipment rentals.

Adjunct Professor - School of Visual Arts (2015-present)
HTML / CSS, JavaScript, Apache

• Created an elective course titled *The Artist as Coder* that focuses on the fundamentals of front-end web development.