

# Mengdi Zhang

<http://www.zhangmengdi.com>

Green Card holder

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## EXPERIENCE

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### Advanced Schema

*Staff Software Engineer*

Paris, France

*Sep 2020 - Apr 2021*

- Orchestrated a team of 7 engineers to develop a large-scale appointment management web application of 800+ centers for a market leader; oversaw project scope, budget, and timeline.
- Organized daily stand-up meetings, weekly sprint planning, and review sessions as a Scrum Master to keep the team on track for on-time delivery.
- Partnered with a principal UX/UI designer to assess feasibility and implementation complexity; identified and mitigated 5+ potential roadblocks early in the design process.
- Supervised architecture design and provided guidelines for all critical project components.
- Established seamless coordination with the client's IT support team to ensure timely server access and security compliance.
- Participated in weekly meetings with the client's project management team to communicate development progress, provide demos and receive feedback.

### Nodata (subsidiary of Advanced Schema)

*Senior Full Stack Software Engineer*

Paris, France

*Jun 2018 - Sep 2020*

- Spearheaded the design and implementation of 6 product key features including a data processing tool and interactive dashboard in a scrum team of 5; benchmarked dev tools to increase team productivity and promote best practices.
- Implemented 200+ frontend unit test cases in Jasmine and 30+ backend behavior tests; achieved 95%+ code coverage for new code; automated end-to-end testing by adding 15+ integration tests.
- Configured and maintained 10+ CI/CD pipelines using Atlassian bamboo.
- Created customized release notes and campaign templates with MailChimp; increased product visibility by reaching 300+ prospects within 3 months.

### Advanced Schema

*Software Engineer*

Paris, France

*Aug 2013 - Jun 2018*

- Led cross-functional teams of 5+ engineers to develop 8 web applications for clients in the pharmaceutical, banking, automotive, and insurance industries; achieved 100% on-time delivery rate and exceeded client expectations.
- Spearheaded the design and development of 12 Proof of Concept for pre-sales demos; won 8 projects generating \$600K+ in revenue.
- Created a D3js-based charting library for data visualization; adopted by 30+ projects within the company and saved an average of 20 hours per project.
- Developed an iOS Application in a team of 8 engineers to display sales data analysis charts, edit rich-text comments, and export in pdf/ppt; boosted client's productivity by centralizing 1000+ reports.
- Coached 10 interns and junior colleagues across diverse projects; reduced on-boarding time for new hires by 50% through the development of a comprehensive welcome kit and bootstrap templates.

## EDUCATION

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### Georgia Institute of Technology

*Master of Science, Electrical and Computer Engineering*

Atlanta, GA

*Jan 2012 - May 2013*

### Université de Technologie de Troyes

*Master of Engineering, Mobile technology and Embedded system*

Troyes, France

*Jan 2012 - May 2013*

*Bachelor of Science, Information systems and Telecommunications*

*Jan 2008 - Jan 2012*

## SKILLS

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**Languages:** French (fluent), English (fluent), Chinese (native)

**Programming:** HTML, CSS, JavaScript, TypeScript, Angular, Bootstrap, React, SQL, PostgreSQL, Java, C++, Python

**Tools:** Git, docker, kubernetes, Google Cloud Platform, Atlassian Suite (Jira, Bitbucket, Bamboo, Confluence, Portfolio)