

Diego Assis

SOFTWARE ENGINEER

Campinas, São Paulo - Brazil

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Summary

Software engineer with 10+ years of experience. Has earned his degree in **Computer Engineering** from **Unicamp** (University of Campinas). Since 2009, works as a **system developer analyst** at Unicamp Institute of Chemistry, mostly developing **full stack web applications** using *Node.js*, *Angular*, *SQL* and *MongoDB*. Also has fluency programming in *Python*, *TypeScript*, *Shell Script*, *PHP* and using *Regular Expressions*. Two decades *Linux* user and open source enthusiast. Has a **solid conceptual basis**, **ease in learning** and **good communication skills**. Also interested in **data science and engineering**, currently graduate student in data science at Federal Institute of São Paulo.

Education

IFSP (Federal Institute of Education, Science and Technology of São Paulo)

SPECIALIST IN DATA SCIENCE

Campinas, Brazil

Apr. 2021 - Present

Unicamp (University of Campinas)

BE IN COMPUTER ENGINEERING

Campinas, Brazil

Mar. 2003 - Jul. 2009

Work Experience

Unicamp - Institute of Chemistry

SYSTEM DEVELOPER ANALYST

Campinas, Brazil

Sep. 2009 — Present

- Develop and maintain web applications needed by students, professors and staff at Unicamp Institute of Chemistry
- Full stack development with JavaScript/TypeScript, using *Node.js* and *Angular* most of the time
- Operate relational (*MySQL*, *PostgreSQL* and *SQL Server*) and non-relational (*MongoDB*) databases
- Sometimes write *bash scripts* and *PHP* and *.net* codes
- Developed alone a graduate management system. His predecessor costed hundreds of thousands of Brazilian Real and never solved the problem the right way
- His application to control laboratory experiments in execution won a PAEPE Award, competing with professionals from all areas
- Was elected to University Council, being the most voted in his category

Unicamp - Computing Center

PROGRAMMER

Campinas, Brazil

Feb. 2008 — Sep. 2009

- Software development with focus in multimedia application (live streaming and video on demand)
- Software development using *PHP*, *jQuery*, *Vanilla JS* and *Bash Script*. Intensive work with *FFmpeg* and *GIMP*
- Audiovisual production and post production
- Online course application support

Skills

Web development	HTML, CSS, JavaScript, PHP, REST, GraphQL
JavaScript	TypeScript, Node.js, Express, NestJS, Jest, Angular, Angular Material, React
Database	MySQL, PostgreSQL, SQL Server, MongoDB, Neo4j, Dgraph, ORM
Python	NumPy, Pandas, Jupyter Notebook
DevOps	Docker, Kubernetes, Gitlab CI/CD, Github Actions
Git	Github, Gitlab
Linux	Bash, zsh, Debian, Arch, CentOS, SELinux, Vim
Cloud	AWS
Programming languages	Shell Script, Go, C, .net, Java
Audiovisual post production	Davinci Resolve, Premiere, After Effects, Photoshop, Gimp, Inkscape
Misc	Regular Expressions, Social Communication, Wordpress, Mediawiki, \LaTeX
Languages	Portuguese, English, Spanish

Honors & Awards

2012 **PAEPE Career Professionals Award**, Unicamp

Campinas, Brazil