

KEVIN ADRIAN RODRIGUEZ RUIZ

Software developer, Chemical engineer

SKILLS

Java, Javascript, Node.js, Python, Reactjs, Amazon Web Services, Spring Framework, Django, Git, Postgres, web applications, NoSQL databases, Scrum, Docker.

Programs: VS Code, IntelliJ Idea, Aspen Plus.

EMPLOYMENT

GNB Sudameris Bank (2020)

- + **Java developer.** Develop of financial web services consumed by the mobile applications. Technologies: Java, Spring Boot, Amazon Web Services.

Amaris Consulting (2019 - 2020)

- + **Full-stack developer.** Develop of web services and use interfaces for the management of insurance policies. Technologies: Nodejs, TypeScript, Reactjs, Redux, Serverless Framework, Amazon Web Services.

Pontificia Universidad Javeriana (2018 - 2019)

- + **Software developer.** Design and development of Astrocyte Neuron Simulation Environment Platform (ANSEP). Web platform for the analysis of genome-scale metabolic models related to the study of neurodegenerative diseases. Technologies: Python, R, Django, Reactjs, Docker, Postgresql.

Software Colombia SAS (2015 – 2018)

- + **Full-Stack developer.** Design, development a web platform for massive email marketing platform. Technologies: Java, Spring Framework, Nodejs, Gradle, Amazon Web Services.
- + **Software developer.** Design, development and support of desktop applications signing information digitally, encrypting data and storing files in the cloud. Technologies: Javascript, Java and JavaFX.

About me

BSc. in Chemical engineer and MEng. in computing with more than five years of experience in software development.

Self-disciplined person and excited about integrating multiple disciplines and making things easier and accessible.

Interests

Computing, Bioinformatics.
Modelling and Optimization.
Learning new engineering/science topics.

Languages

Spanish (native)
English (fluent)
French (basic)

Contact

Bogotá, Colombia. 111156
(+57 1) 6698229
(+57) 3057052399



karodriguezr@unal.edu.co



[LinkedIn profile](#)



[GitHub public repositories](#)

EDUCATION

- 2016 - 2019 **M. Eng. in Systems Engineering and Computing**
Universidad Nacional de Colombia (Colombia)
- 2018 – 2019 **Exchange Student in the MSc in Advanced Catalysis and Molecular Modelling**
Universitat de Girona (Spain)
- 2009 – 2015 **Bachelor's degree in Chemical Engineering**
Universidad Nacional de Colombia (Colombia)

SHORT COURSES

- 2014 **Advanced Separation Operations. Separation Technologies in Biorefineries**
International Chair of Engineering, Universidad Nacional de Colombia
- 2017 **Introduction to innovation and the use of technology for learning**
International School, Universidad Nacional de Colombia
- 2014 **Software maintenance, evolution, and re-engineering**
International Chair of Engineering, Universidad Nacional de Colombia

ACADEMIC PROJECTS

- + **Rescurves.** Open source MS Excel Add-in aimed to ease the three-dimensional plotting of residue curves maps for quaternary systems. Technologies: C#, VSTO.
- + **Master's final work: CAMD.** Desktop application to solve the Computer Aided Molecular Design (CAMD) problem of finding the most suitable solvent for a liquid-liquid separation. It makes use of multi-objective optimization and databases mining algorithms. Technologies: Java, MongoDB.