

# Dante Rafael Ramírez Ramírez

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Computer Systems Engineer | Arandas, Jalisco, México | [LinkedIn](#) | [GitHub](#) | [Email](#) | [Portfolio](#)

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## Professional Profile

Computer Systems Engineer with a specialization in databases and experience in backend development. Possessing solid knowledge in various technologies and programming languages, passionate about learning new technologies and continuously improving in the professional field. Seeking opportunities to contribute to innovative and challenging projects..

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## Professional Experience

### BACKEND DEVELOPER | CECSA ENTERPRISE SOLUTIONS SC | 2021 - 2022

- Developed an API using the SCRUM methodology for a nutritional calculator in accordance with Mexican Official Standard 051, utilizing Node.js, TypeScript, and Express.
  - Implemented databases in PostgreSQL for efficient data management.
  - Used Git and ESLint for version control and code quality.
  - Created email templates using Pug.
  - Performed endpoint testing with Insomnia to ensure the correct functionality of the API.
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## Academic Background

### COMPUTER SYSTEMS ENGINEERING | 2017 - 2022 | INSTITUTO TECNOLÓGICO JOSÉ MARIO MOLINA PASQUEL Y HENRÍQUEZ

- Specialization: Databases.
  - Certification: EGEL - Computational Engineering – CENEVAL
    - Score: Outstanding.
  - Social Service: Development of an Information Management System for Students.
    - Developed a desktop system with Java.
    - Designed the database using MySQL.
    - Implemented biometric data (fingerprints) using a DigitalPersona sensor.
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## Skills and Competencies

### WEB DEVELOPMENT

- API development, web applications, and RESTful services.
- Node.js, Express, TypeScript, JavaScript, HTML, CSS, and PHP.
- NPM packages: JWT, AJV, BCryptJs, Knex, Nodemailer, Node-cron, Multer, and Pug.
- Version control: Git and GitHub.

### SOFTWARE DEVELOPMENT

- Development of desktop applications.
  - Java, Visual Basic, and C++.
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### DATABASES

- Design and management of relational and non-relational databases.
- MySQL, PostgreSQL, SQLite, SQL Server, and MongoDB.

### AGILE METHODOLOGIES

- Experience with SCRUM for project management.

## Languages

- Spanish: Native.
- English: Intermediate.