

# JESUS DAVID MEJIA

SYSTEMS ENGINEER

SPECIALIST IN SOFTWARE

DEVELOPMENT PROCESSES



✉ davidmejia-2000@outlook.com

☎ +57 314 718 94 40

📍 Tuluá, Valle del Cauca - Colombia

## PROFILE

Systems Engineer, 24 years old, currently pursuing a Specialization in Software Development Processes. Passionate about technology and committed to excellence in every project, I enjoy working in teams and sharing knowledge. I have advanced technical expertise in multiple programming languages, experience in the full software development lifecycle, skills in system integration, complex problem-solving abilities, and a continuous learning mindset. I have a comprehensive understanding of products, with a focus on full-stack development.

## PROFESSIONAL EXPERIENCE



**Zygnex SAS (august 2023 – may 2024)**

Full Stack Javascript Developer (Angular/NodeJS/React) – Remote Bogota DC

At Zygnex SAS, as a Full Stack JavaScript Developer, I specialized in developing applications using JavaScript/TypeScript with expert-level focus on Angular and Node.js frameworks, and intermediate experience with React. My responsibilities included: effective creation and integration of systems, ensuring optimization, functionality, and performance; designing and developing robust and scalable APIs; implementing unit and integration tests, deployments, and maintaining responsive systems; and creating detailed documentation to ensure long-term maintainability.



**Angular:** HTML, SCSS, JavaScript, TypeScript, Modules, Components, Services, Directives, Pipes, Guards, Interceptors, Templates, Inputs/Outputs, Routing, Reactive Forms, RxJS, HTTP Client, NgRx/Redux, Lifecycle, Jasmine, Karma, Testing (Unit/E2E), Optimization, Performance, Frontend Libraries (Bootstrap, PrimeNG, Angular Material, CDK, Tailwind, etc.), Security, SOLID Principles, Development/Design Tools, Deployment, CI/CD, Architecture, Software Design, UI, UX, Continuous Learning, Adaptability, Responsive Design, etc.



**NodeJS:** JavaScript, TypeScript, NPM, NVM, Nodemon, Express, Databases (MySQL, MariaDB, PostgreSQL, MongoDB), ORM (Prisma, Sequelize, etc.), Async/Await, Promises, File Management, Routing Systems, Authentication, JWT, Middlewares, Emails, Cron Jobs, Jest, Testing (Unit Testing/Integration Testing/E2E), Encryption, Security, CORS, Clean Architecture, DDD, DTO, Entities, Deployment, CI/CD, Swagger, Optimization, Performance, Software Architecture, API Design, Monitoring, Scalability, Continuous Learning, Adaptability, etc.



**Others:** Scrum, SQL, Linux, Git, GitHub, GitHub Actions, AWS, Docker, GitLab, Monday, Planner, Slack y Figma.



## Grupo MPR (september 2022 – august 2023)

Full Stack Javascript Developer (Angular/NodeJS) – Remote Bogota DC

At Grupo MPR, as a Full Stack JavaScript Developer, I specialized in developing applications using JavaScript/TypeScript with expert-level focus on Angular and Node.js frameworks. My responsibilities included: effective creation and integration of systems, ensuring optimization, functionality, and performance; designing and developing robust and scalable APIs; implementing unit and integration tests, deployments, and maintaining responsive systems; and creating detailed documentation to ensure long-term maintainability.



**Angular:** HTML, SCSS, JavaScript, TypeScript, Modules, Components, Services, Directives, Pipes, Routing, Reactive Forms, RxJS, NgRx/Redux, Testing (Jasmine, Karma), Optimization, Performance, Frontend Libraries (Bootstrap, Angular Material, PrimeNG, Tailwind), Architecture, UI/UX, Responsive Design, CI/CD.



**NodeJS:** Express, Databases (MySQL, PostgreSQL, MongoDB), REST APIs, ORM (Prisma, Sequelize), Authentication (JWT), Middlewares, Testing (Jest), Security, Clean Architecture, DDD, Deployment (CI/CD), Optimization, Monitoring.



**Others:** Scrum, SQL, Linux, Git, GitHub, GitHub Actions, AWS, Docker, GitLab, Monday, Planner, Slack y Figma.



industry

## Industry (enero 2021 – abril 2023)

Frontend Developer – Remote Bogota, Colombia

At Industry, as a Frontend Developer, I specialized in developing applications using JavaScript/TypeScript with expert-level focus on Angular and Node.js frameworks. I excelled in creating web applications and effectively integrating REST APIs. By ensuring optimization, functionality, and performance, I made sure that each solution met the high quality and performance standards required by our clients. Additionally, I played a crucial role in implementing unit and integration tests, deployments, maintaining responsive systems, and creating detailed documentation to ensure the long-term reliability and maintainability of each development.



**Angular:** HTML, SCSS, JavaScript, TypeScript, Modules, Components, Services, Directives, Pipes, Guards, Interceptors, Templates, Inputs/Outputs, Routing, Reactive Forms, RxJS, HTTP Client, NgRx/Redux, Lifecycle, Jasmine, Karma, Testing (Unit Testing/Integration Testing/E2E), Optimization, Performance, Frontend Libraries (Bootstrap, PrimeNG, Angular Material, CDK, Tailwind, etc.), Security, SOLID Principles, Development/Design Tools, Deployment, CI/CD, UI, UX, Continuous Learning, Adaptability, etc.



**Others:** Scrum, SQL, Linux, Git, GitHub, GitHub Actions, Monday, Planner, Slack y Figma.



## Freelance Developer (January 2020 – current)

Full Stack Developer (Angular/React/NodeJS/Nest/SpringBoot)

As a Freelance Developer, I have accumulated significant experience working on a wide variety of projects, delivering high-quality and high-performance solutions tailored to client needs. Using databases, frameworks, libraries, and languages such as Java SE, JavaScript, TypeScript, Angular, Node.js, Express, Nest, Spring Boot, MySQL, PostgreSQL, MongoDB, etc., I have integrated, developed, and deployed both frontend and backend systems along with databases. By focusing on optimization, functionality, and performance, I ensured that each solution met the high-quality and performance standards required by my clients. I handled the implementation and creation of APIs, unit testing, integration testing, deployments (AWS/Railway/Netlify), responsive systems, and documentation, ensuring long-term reliability and maintainability of each development.



**Angular:** HTML, SCSS, JavaScript, TypeScript, Modules, Components, Services, Directives, Pipes, Guards, Interceptors, Templates, Inputs/Outputs, Routing, Reactive Forms, RxJS, HTTP Client, NgRx/Redux, Lifecycle, Jasmine, Karma, Testing (Unit Testing/E2E), Optimization, Performance, Frontend Libraries (Bootstrap, PrimeNG, Angular Material, CDK, Tailwind, etc.), Security, SOLID Principles, Development/Design Tools, Deployment, CI/CD, Architecture, Software Design, UI, UX, Continuous Learning, Adaptability, Responsive Design, etc.



**NodeJS:** JavaScript, TypeScript, NPM, NVM, Nodemon, Express, Databases (MySQL, MariaDB, PostgreSQL, MongoDB), ORM (Prisma, Sequelize, etc.), Async/Await, Promises, File Management, Routing Systems, Authentication, JWT, Middlewares, Emails, Cron Jobs, Jest, Testing (Unit Testing/Integration Testing/E2E), Encryption, Security, CORS, Clean Architecture, DDD, DTO, Entities, Deployment, CI/CD, Swagger, Optimization, Performance, Software Architecture, API Design, Monitoring, Scalability, Continuous Learning, Adaptability, etc.



**Java/Spring Boot:** Java SE, Spring Boot, Spring Framework, Spring Web, Spring Data JPA, DTO, Repository, Services, Crud, Entity, API Rest, HTTP, etc.



**DevOps:** CI/CD, Deployment, GitHub Actions, Workflows, Pipelines, Linux, Deployment, Serverless, Railway, Netlify, Cloud Databases, Docker, Images, Networks, Volumes, Dockerfile, Multi-Stage Build, Multi-Container Applications, NGINX, Kubernetes, etc.



**AWS:** VPC, EC2, EDB, EFS, FSX, S3, RDS, Lambda, AWS SDK, Amplify, etc.



**Databases:** SQL, Database Management Systems, MySQL, MariaDB, PostgreSQL, Oracle, and MongoDB.



**Others:** Git, GitHub, GitLab, Scrum Fundamentals, Notion, Slack, Trello, Monday, Soporte, etc.

## LANGUAGES

Español: Native

Inglés: Intermediate

## PERSONAL REFERENCES

**Lina Marcela Gálvez** - Lawyer

Phone: +57 3153724423

Email: marcelagalvez-821@hotmail.com

**Edgar de Jesus** - Sys. Engineer/Teacher, UCEVA

Phone: +57 3163286707

Email: esandoval@uceva.edu.co

**José Gabriel Pérez** - Sys. Engineer/Teacher, UCEVA

Phone: +57 3006536939

Email: jperez@uceva.edu.co

## PROFESIONAL REFERENCES

**Cristian David Fajardo** - Project Manager, Industry

Phone: +57 3183797534

Email: cris10app@gmail.com

**Camila Gómez Ayala** - Project Manager, Zygnet SAS

Phone: +57 3185480636

Email: camilagomezayala@gmail.com

**Julio Cesar Martínez** - Senior, Zygnet SAS

Phone: +57 3227225533

Email: jucema89@gmail.com

## EDUCATION

**Certificate in Academic Knowledge Competency in English.**

*Unidad Central del Valle del Cauca - Uceva, 2016 - 2018*

**Systems Engineer**

*Unidad Central del Valle del Cauca - Uceva, 2018 - 2023*

**Platzi Student**

*Platzi, 2019 - Current*

**Specialist in Software Development Processes (Course)**

*Universidad San Buenaventura Cali, 2024 - 2025*

## PRIZES AND PARTICIPATIONS

**Academic Performance Scholarships.**

*Unidad Central del Valle del Cauca - Uceva*

Throughout my university career, I received a total of 7 academic performance scholarships due to my outstanding grades. These scholarships not only recognized my dedication and academic excellence but also played a crucial role in funding my education.

**Article published in the magazine Visión Electrónica.**

*Unidad Central del Valle del Cauca - Uceva*

**Implementation of a queue with priority with parameterizable variables to improve QoS Java.** The article was approved on November 20, 2019, in the journal "Visión electrónica" ISSN: 1909-9746, e-ISSN: 2248-4728, categorized in 2019 by Publindex as Category C. <https://drive.google.com/file/d/1-6L9PClupsyW6fpR-1bOVnEnUkaXziUJ/view>

## MORE PROFESSIONAL INFORMATION

**LINKEDIN:** <https://www.linkedin.com/in/jes%C3%BAs-david-mej%C3%ADa-vergara-4586a7230/>

**WEBSITE:** <https://www.jesUSDavid-developer.com/>

**GITHUB:** <https://github.com/Brejcha13320>

**PLATZI:** <https://platzi.com/p/Darkreen/>