

# Benjamin Galde

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760-696-8401

Software developer with over a decade of experience in design, implementation, and maintenance of analytic, database, and web applications. Experienced technical lead in application development. Capable teacher, mentor, leader for developers and end users. Ability to act as an intermediary between system administrators, developers, and users.

Willing to relocate: Anywhere  
Authorized to work in the US for any employer

## Work Experience

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### **Dispatcher**

La Costa Limousine - Carlsbad, CA  
August 2015 to Present

Responsible for coordinating the activities of chauffeurs through the use of radio and telephone communication to ensure that all scheduled and unscheduled runs are managed effectively and on time.

- Manage scheduled runs, unscheduled runs and schedule changes so that chauffeurs arrive at their pick-up points on time.
- Created a semi-automated scheduling software to streamline chauffeurs daily schedule with the trips for a given day.

### **Freelance Developer**

Self Employed  
January 2010 to Present

- Needs assessment for client applications.
- Project development from concept to implementation and maintenance.
- Developed CMS sites utilizing Drupal and Joomla.

### **Distiller**

Stranahan's Colorado Whiskey - Denver, CO  
January 2008 to December 2010

- Develop and maintain barrel and batch information system.
- Modernize batch run system which increased efficiency of material use, distillation processes, storage, TTB reporting, bottling and sales.
- Distill, barrel, test and bottle fine whiskey.

### **Software Engineer**

Infonow Corporation - Denver, CO  
2005 to 2008

- Developed and maintained applications to parse, analyze and report channel management information.
- Worked in both small and large teams utilizing agile methodologies.

- Utilized advanced Java features to maximize performance for matching algorithms processing large data sets.
- Oracle database PL/SQL analysis and optimization.

### **Software Developer**

Colorado Community College System - Denver, CO

January 2000 to December 2005

- Developed and maintained numerous applications utilized by students, faculty, and administration.
- Lead technical team and mentor developers in design and implementation of Java applications.
- Migrated legacy data and applications to Oracle based ERP system.
- Integrated web applications with legacy COBOL systems.
- Maintained web servers and applications for 16 community colleges and schools, serving over 150,000 users.
- Function as intermediary between system administrators, developers, and users.

### **Manufacturing Operator**

Baxter Hemoglobin Therapeutics - Boulder, CO

January 1999 to December 1999

Maintained and operated computer controlled biochemical manufacturing process.

### **Engineering/Design**

Nanomaterials Research Corporation - Longmont, CO

January 1997 to December 1999

- Developed LabVIEW applications for data acquisition and control of manufacturing processes.
- Established database interface for precursor development, including batch solution mixtures, physical properties, cost analysis, and efficiency data.
- Assisted with engineering projects: project design, developed timelines and prepared parts lists.
- Patent 5,984,997 Combustion of emulsions: A method and process for producing fine powders.

## Education

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### **Chemistry**

Northern Arizona University

1992 to 1995

## Skills

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- Java (10+ years)
- Spring Boot (4 years)
- Git (5 years)
- Databases (Oracle, MySQL, PostgreSQL, MongoDB, MS SQL Server) (10+ years)
- PL/SQL (4 years)

## Certifications and Licenses

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### **DATA SCIENCE AND VISUALIZATION CERTIFICATE**

2021 to Present

UCSD Extension San Diego, California

A 24-week intensive program focused on gaining technical programming skills in Excel, VBA, Python, R, JavaScript, SQL Databases, Tableau, Big Data, and Machine Learning.

## Patents

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### **Combustion of emulsions: A method and process for producing fine powders (#5984997)**

<https://patents.google.com/patent/US5984997A/en>

October 1999

A process for producing nanoscale powders, and the powders so produced. The process comprises mixing an emulsion comprising all of the elements of the desired powder composition and a combustible fuel, and then combusting that emulsion to produce a powder. Powders with a median particle size of less than 50 nm have been made by this process. The process is suitable for the production of many types of powders, including particles and nanowhiskers of simple, doped, and polymetallic powders

## Additional Information

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Languages and APIs: Java (J2EE, Multi-threading, JDBC, Struts, JAXP, Axis, Hibernate, Lucene), PHP, Perl, Databases (Oracle, MySQL, PostgreSQL, MongoDB, MS SQL Server), PL/SQL, HTML5, XML, CSS, JSON, JavaScript, CMS (Drupal, Joomla), LabVIEW.

Tools and Applications: Application/ Web servers (Glassfish, Jetty, Apache/Tomcat), Source control tools (CVS, Subversion, Git), Unit testing (JUnit), Ant, Maven, Eclipse, IntelliJ, Operating system agnostic.

Skills: Object oriented design, design patterns, technical documentation, agile methodologies, refactoring, and rapid prototyping, mentor, team player.